

Amendments to the Claims

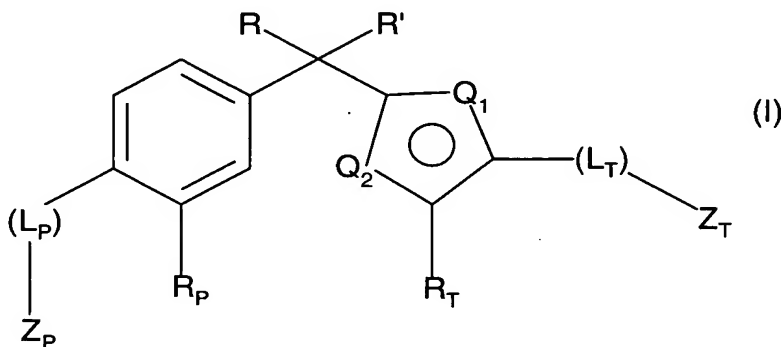
Please cancel Claim 13.

Please amend Claims 2-12.

In the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Original) A method of treating a mammal to prevent or alleviate the effect of Mustard by administering a pharmaceutically effective amount of a compound represented by formula I or a pharmaceutically acceptable salt or a prodrug derivative thereof:



wherein;

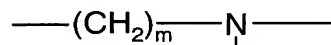
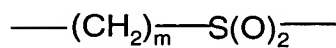
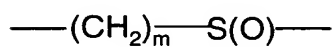
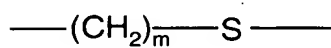
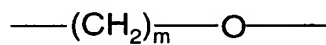
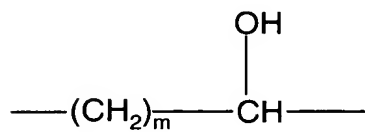
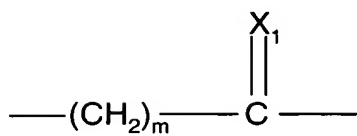
R and R' are independently C₁-C₅ alkyl, C₁-C₅ fluoroalkyl, or together R and R' form a substituted or unsubstituted, saturated or unsaturated carbocyclic ring having from 3 to 8 carbon atoms;

Ring atoms Q₁ and Q₂ are independently selected from carbon or sulfur, with the proviso that one atom is sulfur and the other atom is carbon;

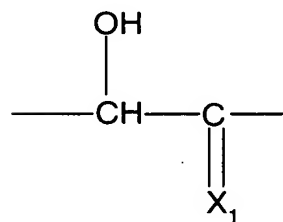
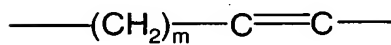
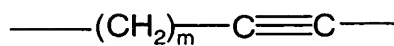
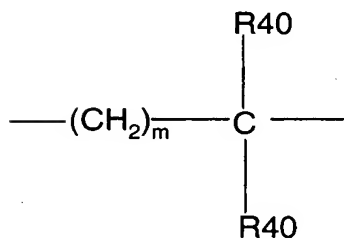
R_P and R_T are independently selected from the group consisting of hydrogen, halo, C₁-C₅ alkyl, C₁-C₅ fluoroalkyl, -O-C₁-C₅ alkyl, -S-C₁-C₅ alkyl, -O-C₁-C₅ fluoroalkyl, -CN, -NO₂, acetyl, -S-C₁-C₅ fluoroalkyl, C₂-C₅ alkenyl, C₃-C₅ cycloalkyl, and C₃-C₅ cycloalkenyl;

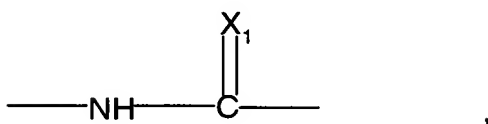
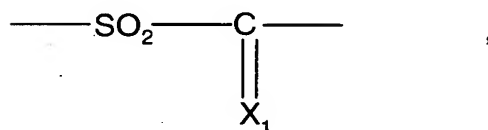
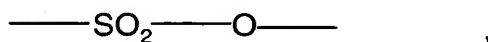
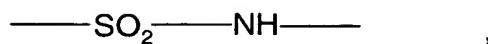
(L_P) and (L_T) are divalent linking groups independently selected from the group consisting of

a bond



R40





where m is 0, 1 or 2, X₁ is oxygen or sulfur, and each R₄₀ is independently hydrogen or C₁-C₅ alkyl or C₁-C₅ fluoroalkyl;

Z_P and Z_T are independently selected from

- hydrogen,
- phenyl,
- benzyl,
- fluorophenyl,
- (C₁-C₅ alkyl),
- (C₂-C₅ alkenyl),
- (C₃-C₅ cycloalkyl),
- (C₃-C₅ cycloalkenyl),
- (C₁-C₅ hydroxyalkyl),
- (C₁-C₅ fluoroalkyl),
- (C₁-C₅ alkyl)-phenyl,

-(C₁-C₅ alkyl)-O-(C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-NH₂,
 -(C₁-C₅ alkyl)-NH-(C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-N-(C₁-C₅ alkyl)₂,
 -(C₁-C₅ alkyl)-C(O)-NH₂,
 -(C₁-C₅ alkyl)-C(O)-NH-(C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-C(O)-N-(C₁-C₅ alkyl)₂,
 -(C₁-C₅ alkyl)-C(O)-(C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-NH-SO₂-(C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-N-pyrrolidin-2-one,
 -(C₁-C₅ alkyl)-N-pyrrolidine,
 -(C₁-C₅ alkyl)-(1-methylpyrrolidin-2-one-3-yl),
 -(C₁-C₅ alkyl)-C(O)-(O-C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-C(O)-OH,
 -(C₁-C₅ alkyl)-5-tetrazolyl,
 -(C₁-C₅ alkyl)-P(O)-(O-C₁-C₅ alkyl)₂,
 -(C₁-C₅ alkyl)-SO₂-(C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-SO₂-NH₂,
 -(C₁-C₅ alkyl)-SO₂-NH-(C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-SO₂-N-(C₁-C₅ alkyl)₂,
 -(C₁-C₅ alkyl)-SO₂-(C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-S(O)-(C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-S(O)-NH₂,
 -(C₁-C₅ alkyl)-S(O)-NH-(C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-S(O)-N-(C₁-C₅ alkyl)₂,
 -(C₁-C₅ alkyl)-S(O)-(C₁-C₅ alkyl),
 -(C₁-C₅ alkyl)-N(C(O)(C₁-C₅ alkyl)CH₂C(O)OH,
 -(C₁-C₅ alkyl)-N(C(O)(C₁-C₅ alkyl)CH₂C(O)-(C₁-C₅ alkyl),

-CH(OH)-(C₁-C₅ alkyl)
-CH(OH)-(C₂-C₅ alkenyl),
-CH(OH)-(C₃-C₅ cycloalkyl),
-CH(OH)-(C₃-C₅ cycloalkenyl),
-CH(OH)-(C₁-C₅ hydroxyalkyl),
-CH(OH)-(C₁-C₅ fluoroalkyl),
-CH(OH)-phenyl
-CH(OH)-5-tetrazolyl,
-CH(OH)-(1-methylpyrrolidin-2-one-3-yl),

-C(O)-(C₁-C₅ alkyl),
-C(O)-(C₁-C₅ alkyl)-C(O)OH,
-C(O)-(C₁-C₅ alkyl)-C(O)(O-C₁-C₅ alkyl),
-C(O)-(C₂-C₅ alkenyl),
-C(O)-(C₃-C₅ cycloalkyl),
-C(O)-(C₃-C₅ cycloalkenyl),
-C(O)-(C₁-C₅ hydroxyalkyl),
-C(O)-(C₁-C₅ fluoroalkyl),
-C(O)-(C₁-C₅ alkyl)-phenyl
-C(O)-O-(C₁-C₅ alkyl),
-C(O)-O-(C₂-C₅ alkenyl),
-C(O)-O-(C₃-C₅ cycloalkyl),
-C(O)-O-(C₃-C₅ cycloalkenyl),
-C(O)-O-(C₁-C₅ hydroxyalkyl),
-C(O)-O-(C₁-C₅ fluoroalkyl),
-C(O)-O-(C₁-C₅ alkyl)-phenyl,
-C(O)-NH₂,
-C(O)-NH(OH),

-C(O)-NH-(C₁-C₅ alkyl),
 -C(O)-N-(C₁-C₅ alkyl)₂,
 -C(O)-NH-(C₂-C₅ alkenyl),
 -C(O)-NH-(C₃-C₅ cycloalkyl),
 -C(O)-NH-(C₃-C₅ cycloalkenyl),
 -C(O)-NH-(C₁-C₅ fluoroalkyl),
 -C(O)-NH-(C₁-C₅ alkyl)-phenyl,
 -C(O)-NH-SO₂-(C₁-C₅ alkyl),
 -C(O)-NH-SO₂-(C₂-C₅ alkenyl),
 -C(O)-NH-SO₂-(C₃-C₅ cycloalkyl),
 -C(O)-NH-SO₂-(C₃-C₅ cycloalkenyl),
 -C(O)-NH-S(O)-(C₁-C₅ alkyl),
 -C(O)-NH-S(O)-(C₂-C₅ alkenyl),
 -C(O)-NH-S(O)-(C₃-C₅ cycloalkyl),
 -C(O)-NH-S(O)-(C₃-C₅ cycloalkenyl),
 -C(O)-NH-(C₁-C₅ fluoroalkyl),
 -C(O)-NH-(C₁-C₅ alkyl)-phenyl
 -C(O)-NH-(C₁-C₅ alkyl)-SO₂-(C₁-C₅ alkyl),
 -C(O)-NH-(C₁-C₅ alkyl)-S(O)-(C₁-C₅ alkyl),
 -C(O)-NH-CH₂-C(O)OH
 -C(O)-NH-CH₂-C(O)-(O-C₁-C₅ alkyl),
 -C(O)-N-(C₁-C₅ alkyl)(C(O)OH),
 -C(O)-N-(C₁-C₅ alkyl)(C(O)-(O-C₁-C₅ alkyl)),
 -C(O)-NH-CH((CH₂)(CO₂H))(CO₂H),
 -C(O)-NH-CH((CH₂)(C(O)-(C₁-C₅ alkyl)))(C(O)-(O-C₁-C₅ alkyl)),
 -C(O)-NH-CH((CH₂OH)(CO₂H)),
 -C(O)-NH-CH((CH₂OH)(C(O)(O-C₁-C₅ alkyl))),
 -C(O)-NH-C((C₁-C₅ alkyl)(C₁-C₅ alkyl))(CO₂H),

-C(O)-NH-C((C₁-C₅ alkyl)(C₁-C₅ alkyl))(C(O)-(O-C₁-C₅ alkyl)),
 -C(O)-NH-5-tetrazolyl,
 -C(O)-N-pyrrolidin-2-one,
 -C(O)-N-pyrrolidine,
 -C(O)-(1-methylpyrrolidin-2-one-3-yl),
 -C(O)-(C₁-C₅ alkyl)-N-pyrrolidin-2-one,
 -C(O)-(C₁-C₅ alkyl)-N-pyrrolidine,
 -C(O)-(C₁-C₅ alkyl)-(1-methylpyrrolidin-2-one-3-yl),
 -C(O)-N-pyrrolidin-2-(CO₂H),
 -C(O)-N-pyrrolidin-2-(C(O)-(O-C₁-C₅ alkyl)),
 -C(O)-N-(C(O)-(C₁-C₅ alkyl))CH₂(CO₂H),
 -C(O)-N-(C(O)-(C₁-C₅ alkyl))CH₂(C(O)-(O-C₁-C₅ alkyl)),
 -C(O)-N-(C₁-C₅ alkyl))CH₂(CO₂H),
 -C(O)-C(O)-OH,
 -C(O)-C(O)-(C₁-C₅ alkyl),
 -C(O)-C(O)-(C₂-C₅ alkenyl),
 -C(O)-C(O)-(C₃-C₅ cycloalkyl),
 -C(O)-C(O)-(C₃-C₅ cycloalkenyl),
 -C(O)-C(O)-(C₁-C₅ hydroxyalkyl),
 -C(O)-C(O)-(C₁-C₅ fluoroalkyl),
 -C(O)-C(O)-(C₁-C₅ alkyl)-phenyl,
 -C(O)-C(O)-NH₂,
 -C(O)-C(O)-NH-(C₁-C₅ alkyl),
 -C(O)-C(O)-N-(C₁-C₅ alkyl)₂,
 -C(O)-C(O)-5-tetrazolyl,
 -C(O)-C(O)-N-pyrrolidin-2-one,
 -C(O)-C(O)-N-pyrrolidine,
 -C(O)-C(O)-(1-methylpyrrolidin-2-one-3-yl),

-O-(C₁-C₅ alkyl),
 -O-(C₂-C₅ alkenyl),
 -O-(C₃-C₅ cycloalkyl),
 -O-(C₃-C₅ cycloalkenyl),
 -O-(C₁-C₅ hydroxyalkyl),
 -O-(C₁-C₅ fluoroalkyl),
 -O-(C₁-C₅ alkyl)-phenyl,
 -O-(C₁-C₅ alkyl)-(O)-(C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl) NH₂,
 -O-(C₁-C₅ alkyl)-NH-(C₁-C₅ alkyl)₂ ,
 -O-(C₁-C₅ alkyl)-C(O)-NH₂,
 -O-(C₁-C₅ alkyl)-C(O)-NH-(C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl)-C(O)-N-(C₁-C₅ alkyl)₂,
 -O-(C₁-C₅ alkyl)-C(O)-OH,
 -O-(C₁-C₅ alkyl)-C(O)-NH-5-tetrazolyl,
 -O-(C₁-C₅ alkyl)-C(O)-(C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl)-C(O)-(O-C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl)-NH₂,
 -O-(C₁-C₅ alkyl)-NH-(C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl)-N-(C₁-C₅ alkyl)₂,
 -O-(C₁-C₅ alkyl)-NH-SO₂-(C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl)-N-pyrrolidin-2-one,
 -O-(C₁-C₅ alkyl)-N-pyrrolidine,
 -O-(C₁-C₅ alkyl)-(1-methylpyrrolidin-2-one-3-yl),
 -O-(C₁-C₅ alkyl)-SO₂-(C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl)-SO₂-NH₂,
 -O-(C₁-C₅ alkyl)-SO₂-NH-(C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl)-SO₂-N-(C₁-C₅ alkyl)₂,

-O-(C₁-C₅ alkyl)-SO₂-(C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl)-S(O)-(C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl)-S(O)-NH₂,
 -O-(C₁-C₅ alkyl)-S(O)-NH-(C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl)-S(O)-N-(C₁-C₅ alkyl)₂,
 -O-(C₁-C₅ alkyl)-S(O)-(C₁-C₅ alkyl),
 -O-(C₁-C₅ alkyl)-P(O)-(O-C₁-C₅ alkyl)₂ ,
 -O-(C₁-C₅ alkyl)-5-tetrazolyl,
 -O-CH₂-CO₂H,
 -O-CH₂-5-tetrazolyl,
 -O-(C₁-C₅ alkyl),
 -O-C(O)-NH₂,
 -O-C(O)-N-(CH₃)₂,
 -O-C(S)-N-(CH₃)₂,
 -O-C(O)-O-(C₁-C₅ alkyl),
 -O-(5-tetrazolyl),
 -O-SO₂-(C₁-C₅ alkyl),
 -O-SO₂-NH₂,
 -O-SO₂-NH-(C₁-C₅ alkyl),
 -O-SO₂-N-(C₁-C₅ alkyl)₂,
 -O-S(O)-(C₁-C₅ alkyl),
 -O-S(O)-NH₂,
 -O-S(O)-NH-(C₁-C₅ alkyl),
 -O-S(O)-N-(C₁-C₅ alkyl)₂,

 -S-(C₁-C₅ alkyl),
 -S-(C₂-C₅ alkenyl),
 -S-(C₃-C₅ cycloalkyl),
 -S-(C₃-C₅ cycloalkenyl),

-S-(C₁-C₅ fluoroalkyl),
-S-(C₁-C₅ hydroxyalkyl),
-S-(C₁-C₅ alkyl)-phenyl,
-S-(C₁-C₅ alkyl)-O-(C₁-C₅ alkyl),
-S-(C₁-C₅ alkyl)-C(O)-OH,
-S-(C₁-C₅ alkyl)-C(O)-(C₁-C₅ alkyl),
-S-(C₁-C₅ alkyl)-C(O)-O-(C₁-C₅ alkyl),
-S-(C₁-C₅ alkyl)-C(O)-NH₂,
-S-(C₁-C₅ alkyl)-C(O)-NH-(C₁-C₅ alkyl),
-S-(C₁-C₅ alkyl)-C(O)-N-(C₁-C₅ alkyl)₂,
-S-(C₁-C₅ alkyl) NH₂,
-S-(C₁-C₅ alkyl)-NH-(C₁-C₅ alkyl),
-S-(C₁-C₅ alkyl)-N-(C₁-C₅ alkyl)₂,
-S-(C₁-C₅ alkyl)-NH-SO₂-(C₁-C₅ alkyl),
-S-(C₁-C₅ alkyl)-N-pyrrolidin-2-one,
-S-(C₁-C₅ alkyl)-N-pyrrolidine,
-S-(C₁-C₅ alkyl)-(1-methylpyrrolidin-2-one-3-yl),
-S-(C₁-C₅ alkyl)-SO₂-(C₁-C₅ alkyl),
-S-(C₁-C₅ alkyl)-SO₂-NH₂,
-S-(C₁-C₅ alkyl)-SO₂-NH-(C₁-C₅ alkyl),
-S-(C₁-C₅ alkyl)-SO₂-N-(C₁-C₅ alkyl)₂,
-S-(C₁-C₅ alkyl)-SO₂-(C₁-C₅ alkyl),
-S-(C₁-C₅ alkyl)-P(O)-(O-C₁-C₅ alkyl)₂ ,
-S-(C₁-C₅ alkyl)-5-tetrazolyl,
-S-(C₁-C₅ alkyl)-S(O)-(C₁-C₅ alkyl),
-S-(C₁-C₅ alkyl)-S(O)-NH₂,
-S-(C₁-C₅ alkyl)-S(O)-NH-(C₁-C₅ alkyl),
-S-(C₁-C₅ alkyl)-S(O)-N-(C₁-C₅ alkyl)₂,
-S-(C₁-C₅ alkyl)-S(O)-(C₁-C₅ alkyl),

-SO₂-(C₁-C₅ alkyl),
-SO₂-(C₂-C₅ alkenyl),
-SO₂-(C₃-C₅ cycloalkyl),
-SO₂-(C₃-C₅ cycloalkenyl),
-SO₂-(C₁-C₅ hydroxyalkyl),
-SO₂-(C₁-C₅ fluoroalkyl),
-SO₂-(C₁-C₅)-phenyl,

-SO₂-NH₂,
-SO₂-NH-(C₁-C₅ alkyl),
-SO₂-NH-CH₂-C(O)OH,
-SO₂-NH-CH₂-C(O)(O-C₁-C₅ alkyl),
-SO₂-NH-(C₁-C₅ alkyl)-C(O)OH,
-SO₂-NH-(C₁-C₅ alkyl)-C(O)(O-C₁-C₅ alkyl),
-SO₂-NHC(O)-(C₃-C₆ cycloalkyl),

-SO₂-NH-C(O)-(C₁-C₅ alkyl),
-SO₂-N-(C₁-C₅ alkyl)₂,
-SO₂-(C₁-C₅ alkyl)-O-(C₁-C₅ alkyl),
-SO₂-(C₁-C₅ alkyl)-C(O)-(C₁-C₅ alkyl),
-SO₂-(C₁-C₅ alkyl) NH₂,
-SO₂-(C₁-C₅ alkyl)-NH-(C₁-C₅ alkyl),
-SO₂-(C₁-C₅ alkyl)-N-(C₁-C₅ alkyl)₂,
-SO₂-(C₁-C₅ alkyl)-C(O)-NH₂,
-SO₂-(C₁-C₅ alkyl)-C(O)-NH-(C₁-C₅ alkyl),
-SO₂-(C₁-C₅ alkyl)-C(O)-N-(C₁-C₅ alkyl)₂,
-SO₂-(C₁-C₅ alkyl)-NH-SO₂-(C₁-C₅ alkyl),
-SO₂-(C₁-C₅ alkyl)-N-pyrrolidin-2-one,

$\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl)-N-pyrrolidine,}$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl)-(1-methylpyrrolidin-2-one-3-yl),}$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl)-C(O)-O-(C}_1\text{-C}_5\text{ alkyl),}$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl)-C(O)-OH,}$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl)-5-tetrazolyl,}$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl)-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl),}$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl)-SO}_2\text{-NH}_2,$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl)-SO}_2\text{-NH-(C}_1\text{-C}_5\text{ alkyl),}$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl)-SO}_2\text{-N-(C}_1\text{-C}_5\text{ alkyl)}_2,$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl)-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl),}$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl)-P(O)-(O-C}_1\text{-C}_5\text{ alkyl)}_2,$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ alkyl),}$
 $\text{-SO}_2\text{-(C}_2\text{-C}_5\text{ alkenyl),}$
 $\text{-SO}_2\text{-(C}_3\text{-C}_5\text{ cycloalkyl),}$
 $\text{-SO}_2\text{-(C}_3\text{-C}_5\text{ cycloalkenyl),}$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ hydroxyalkyl),}$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{ fluoroalkyl),}$
 $\text{-SO}_2\text{-(C}_1\text{-C}_5\text{)-phenyl,}$
 $\text{-SO}_2\text{-N=CHN(C}_1\text{-C}_5\text{ alkyl)}_2,$

$\text{-S(O)-NH}_2,$
 $\text{-S(O)-NH-(C}_1\text{-C}_5\text{ alkyl),}$
 $\text{-S(O)-NH-CH}_2\text{-C(O)OH}$
 $\text{-S(O)-NH-(C}_1\text{-C}_5\text{ alkyl)-C(O)OH,}$
 $\text{-S(O)-NH-CH}_2\text{-C(O)(O-C}_1\text{-C}_5\text{ alkyl),}$
 $\text{-S(O)-NH-(C}_1\text{-C}_5\text{ alkyl)-C(O)(O-C}_1\text{-C}_5\text{ alkyl),}$
 $\text{-S(O)HC(O)-(C}_3\text{-C}_6\text{ cycloalkyl),}$
 $\text{-S(O)-NH-C(O)-(C}_1\text{-C}_5\text{ alkyl),}$
 $\text{-S(O)-N-(C}_1\text{-C}_5\text{ alkyl)}_2,$

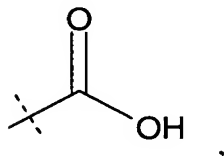
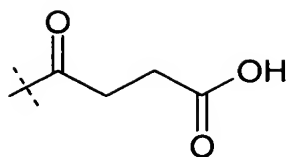
-S(O)-(C₁-C₅ alkyl)-O-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-C(O)-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-C(O)-(O-C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-NH-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-N-(C₁-C₅ alkyl)₂,
 -S(O)-(C₁-C₅ alkyl)-C(O)-NH₂,
 -S(O)-(C₁-C₅ alkyl)-C(O)-NH-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-C(O)-N-(C₁-C₅ alkyl)₂,
 -S(O)-(C₁-C₅ alkyl)-NH-SO₂-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-NH-S(O)-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-N-pyrrolidin-2-one,
 -S(O)-(C₁-C₅ alkyl)-N-pyrrolidine,
 -S(O)-(C₁-C₅ alkyl)-(1-methylpyrrolidin-2-one-3-yl),
 -S(O)-(C₁-C₅ alkyl)-C(O)-(O-C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-C(O)-OH,
 -S(O)-(C₁-C₅ alkyl)-5-tetrazolyl,
 -S(O)-(C₁-C₅ alkyl)-SO₂-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-S(O)-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-SO₂-NH₂,
 -S(O)-(C₁-C₅ alkyl)-S(O)-NH₂,
 -S(O)-(C₁-C₅ alkyl)-SO₂-NH-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-S(O)-NH-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-SO₂-N-(C₁-C₅ alkyl)₂,
 -S(O)-(C₁-C₅ alkyl)-S(O)-N-(C₁-C₅ alkyl)₂,
 -S(O)-(C₁-C₅ alkyl)-SO₂-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-S(O)-(C₁-C₅ alkyl),
 -S(O)-(C₁-C₅ alkyl)-P(O)-(O-C₁-C₅ alkyl)₂,
 -S(O)-N=CHN(C₁-C₅ alkyl)₂,

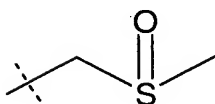
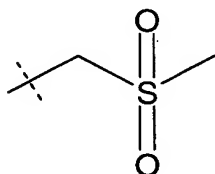
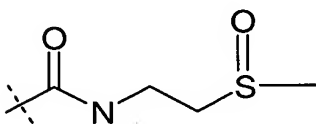
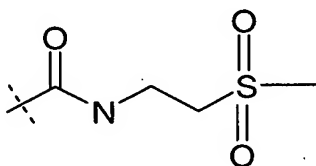
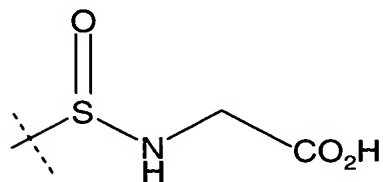
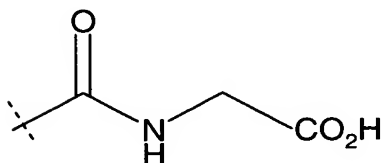
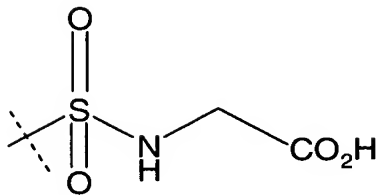
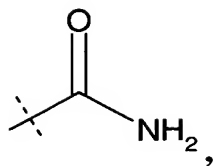
-NHC(S)NH₂,
 -NHC(S)NH-(C₁-C₅ alkyl),
 -NHC(S)N-(C₁-C₅ alkyl)₂,
 -NHC(S)NH-(C₂-C₅ alkenyl),
 -NHC(S)NH-(C₃-C₅ cycloalkyl),
 -NHC(S)NH-(C₃-C₅ cycloalkenyl),
 -NHC(S)NH-(C₁-C₅ fluoroalkyl),
 -NHC(S)NH-C₁-C₅ hydroxyalkyl,
 -NHC(S)NH-(C₁-C₅ fluoroalkyl)
 -NHC(S)NH-phenyl,
 -NHC(S)NH-(C₁-C₅ alkyl)-C(O)-OH,
 -NHC(S)NH-(C₁-C₅ alkyl)-O-(C₁-C₅ alkyl),
 -NHC(S)NH-(C₁-C₅ alkyl)-C(O)-(C₁-C₅ alkyl),
 -NHC(S)NH-(C₁-C₅ alkyl)-C(O)-(O-C₁-C₅ alkyl),
 -NHC(S)NH-(C₁-C₅ alkyl)-NH₂,
 -NHC(S)NH-(C₁-C₅ alkyl)-NH-(C₁-C₅ alkyl),
 -NHC(S)NH-(C₁-C₅ alkyl)-N-(C₁-C₅ alkyl)₂,
 -NHC(S)NH-(C₁-C₅ alkyl)-C(O)-NH₂,
 -NHC(S)NH-(C₁-C₅ alkyl)-C(O)-NH-(C₁-C₅ alkyl),
 -NHC(S)NH-(C₁-C₅ alkyl)-C(O)-N-(C₁-C₅ alkyl)₂,
 -NHC(S)NH-(C₁-C₅ alkyl)-NH-SO₂-(C₁-C₅ alkyl),
 -NHC(S)NH-(C₁-C₅ alkyl)-NH-S(O)-(C₁-C₅ alkyl),
 -NHC(S)NH-(C₁-C₅ alkyl)-N-pyrrolidin-2-one,
 -NHC(S)NH-(C₁-C₅ alkyl)-N-pyrrolidine,
 -NHC(S)NH-(C₁-C₅ alkyl)-(1-methylpyrrolidin-2-one-
 3-yl),
 -NHC(S)NH-(C₁-C₅ alkyl)-5-tetrazolyl,
 -NHC(S)NH-(C₁-C₅ alkyl)-SO₂-(C₁-C₅ alkyl),
 -NHC(S)NH-(C₁-C₅ alkyl)-SO₂-NH₂,

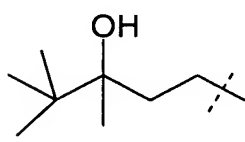
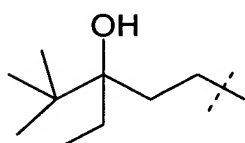
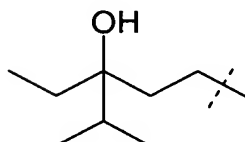
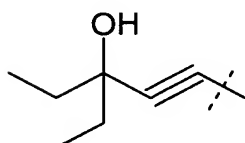
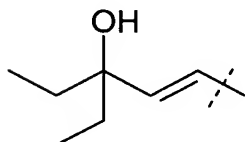
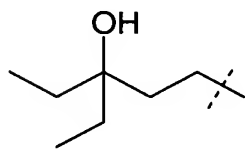
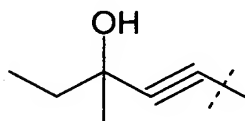
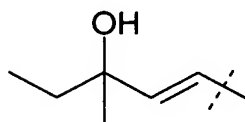
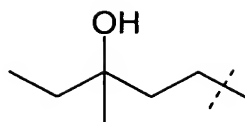
-NHC(S)NH-(C₁-C₅ alkyl)-SO₂-NH-(C₁-C₅ alkyl),
 -NHC(S)NH-(C₁-C₅ alkyl)-SO₂-N-(C₁-C₅ alkyl)₂,
 -NHC(S)NH-(C₁-C₅ alkyl)-S(O)-(C₁-C₅ alkyl),
 -NHC(S)NH-(C₁-C₅ alkyl)-S(O)-NH₂,
 -NHC(S)NH-(C₁-C₅ alkyl)-S(O)-NH-(C₁-C₅ alkyl),
 -NHC(S)NH-(C₁-C₅ alkyl)-S(O)-N-(C₁-C₅ alkyl)₂,
 -NHC(S)NH-(C₁-C₅ alkyl)-P(O)-(O-C₁-C₅ alkyl)₂,

-NHC(O)NH₂,
 -NHC(O)NH-(C₁-C₅ alkyl),
 -NHC(O)N-(C₁-C₅ alkyl)₂,
 -NHC(O)NH-(C₂-C₅ alkenyl),
 -NHC(O)NH-(C₃-C₅ cycloalkyl),
 -NHC(O)NH-(C₃-C₅ cycloalkenyl),
 -NHC(O)NH-(C₁-C₅ hydroxyalkyl),
 -NHC(O)NH-(C₁-C₅ fluoroalkyl),
 -NHC(O)NH-phenyl,
 -NHC(O)NH-(C₁-C₅ alkyl)-NH₂,
 -NHC(O)NH-(C₁-C₅ alkyl)-NH-(C₁-C₅ alkyl),
 -NHC(O)NH-(C₁-C₅ alkyl)-N-(C₁-C₅ alkyl)₂,
 -NHC(O)NH-(C₁-C₅ alkyl)-O-(C₁-C₅ alkyl),
 -NHC(O)NH-(C₁-C₅ alkyl)-NH₂,
 -NHC(O)NH-(C₁-C₅ alkyl)-NH-(C₁-C₅ alkyl),
 -NHC(O)NH-(C₁-C₅ alkyl)-N-(C₁-C₅ alkyl)₂,
 -NHC(O)NH-(C₁-C₅ alkyl)-C(O)-NH₂,
 -NHC(O)NH-(C₁-C₅ alkyl)-C(O)-NH-(C₁-C₅ alkyl),
 -NHC(O)NH-(C₁-C₅ alkyl)-C(O)-N-(C₁-C₅ alkyl)₂,
 -NHC(O)NH-(C₁-C₅ alkyl)-C(O)-(C₁-C₅ alkyl),
 -NHC(O)NH-(C₁-C₅ alkyl)-NH-SO₂-(C₁-C₅ alkyl),

-NHC(O)NH-(C₁-C₅ alkyl)-N-pyrrolidin-2-one,
 -NHC(O)NH-(C₁-C₅ alkyl)-N-pyrrolidine,
 -NHC(O)NH-(C₁-C₅ alkyl)-
 (1-methylpyrrolidin-2-one-3-yl),
 -NHC(O)NH-(C₁-C₅ alkyl)-C(O)-OH,
 -NHC(O)NH-(C₁-C₅ alkyl)-C(O)-O-(C₁-C₅ alkyl),
 -NHC(O)NH-(C₁-C₅ alkyl)-5-tetrazolyl,
 -NHC(O)NH-(C₁-C₅ alkyl)-SO₂-(C₁-C₅ alkyl),
 -NHC(O)NH-(C₁-C₅ alkyl)-SO₂-NH₂,
 -NHC(O)NH-(C₁-C₅ alkyl)-SO₂-NH-(C₁-C₅ alkyl),
 -NHC(O)NH-(C₁-C₅ alkyl)-SO₂-N-(C₁-C₅ alkyl)₂,
 -NHC(O)NH-(C₁-C₅ alkyl)-P(O)-O-(C₁-C₅ alkyl)₂ ,
 -NH₂,
 -NH-(C₁-C₅ alkyl),
 -NH-CH₂-C(O)OH,
 -N-(C₁-C₅ alkyl)₂,
 -NH-C(O)-NH₂,
 -NH-C(O)-NH-(C₁-C₅ alkyl),
 -NH-C(O)-N-(C₁-C₅ alkyl)₂,
 -NH-C(O)-(C₁-C₅ alkyl),
 -NH-SO₂-(C₁-C₅ alkyl),
 -NH-S(O)-(C₁-C₅ alkyl),
 -N(CH₃)(OCH₃),
 -N(OH)(CH₃),
 -N-pyrrolidin-2-one,
 -N-pyrrolidine,
 -(1-methylpyrrolidin-2-one-3-yl),



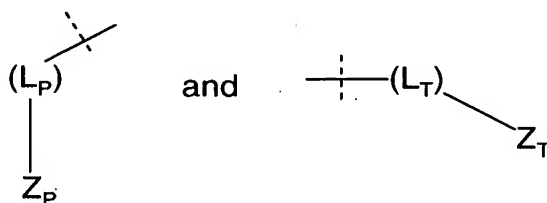




1-hydroxycyclopentenyl,
1-hydroxycyclohexenyl,
1-hydroxycycloheptenyl,

1-hydroxycyclooctenyl,
 1-hydroxycyclopropyl,
 1-hydroxycyclobutyl,
 1-hydroxycyclopentyl,
 1-hydroxycyclohexyl,
 1-hydroxycycloheptyl,
 1-hydroxycyclooctyl,
 -5-tetrazolyl,
 -carboxyl,
 -OH,
 -I,
 -Br
 -Cl
 -F,
 -CHO,
 -NO₂,
 -CN,
 sulfonamide,
 sulfinamide,
 urethane-type radical, or
 (Acidic Group);

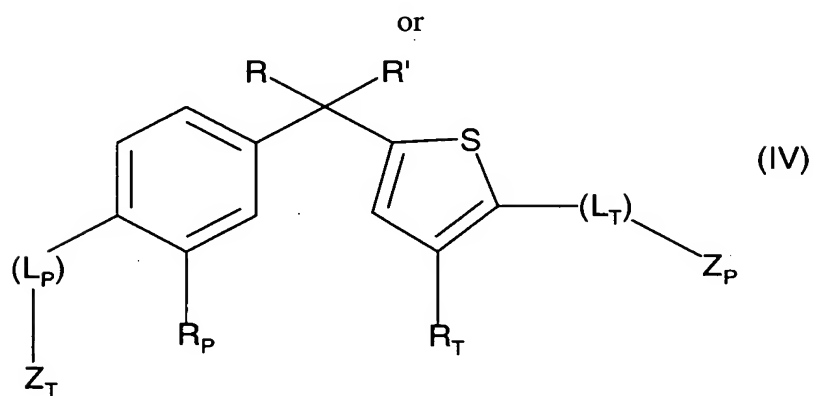
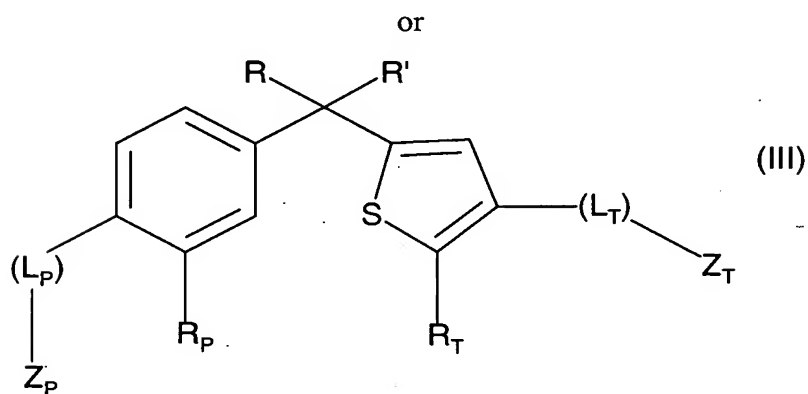
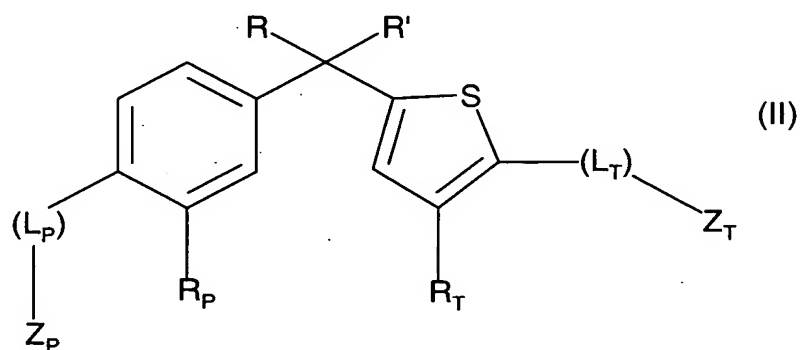
provided that the combined groups of formula I represented by



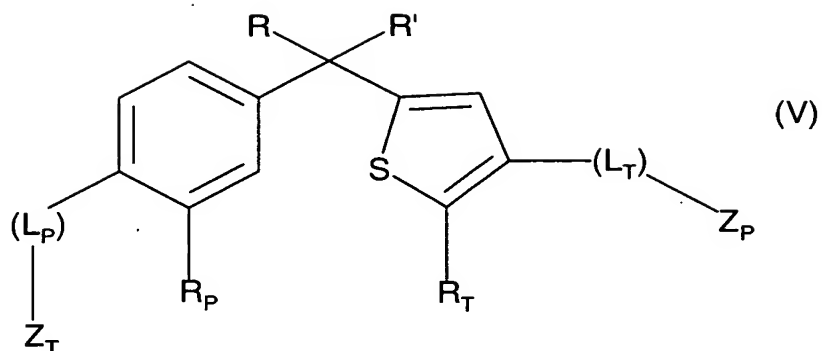
may both be lipophilic, or either one may be lipophilic and the other one polar; but both combined groups may not be polar.

2. (Currently amended) A method of claim 1 for treating a mammal to prevent or alleviate the effect of Mustard by administering a pharmaceutically

effective amount of a compound represented by formula II or III or IV or V or a pharmaceutically acceptable salt or prodrug derivative thereof:



or

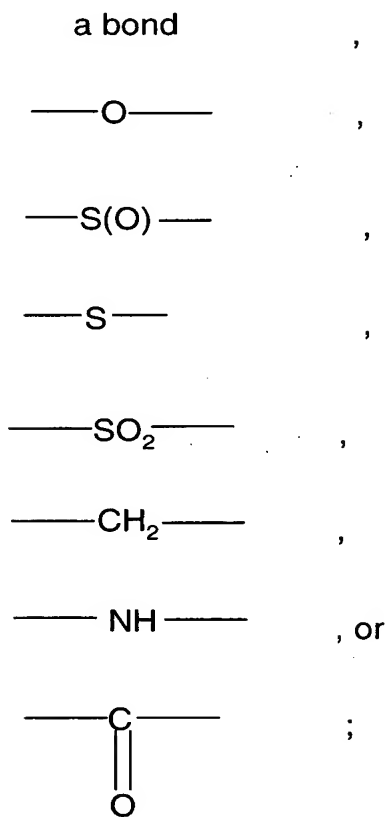


wherein;

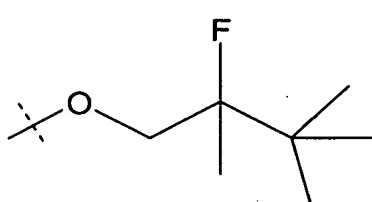
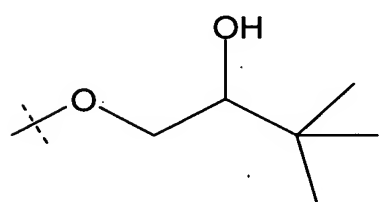
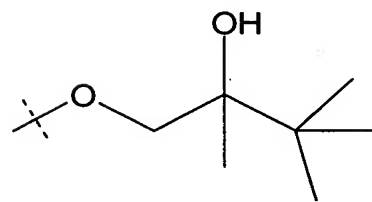
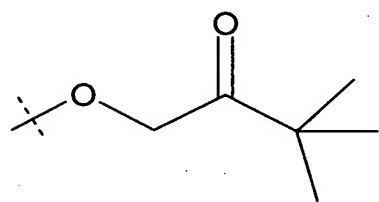
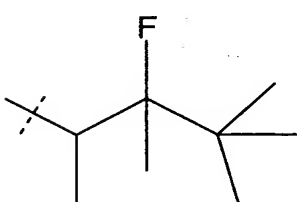
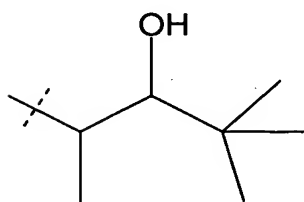
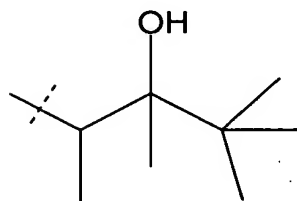
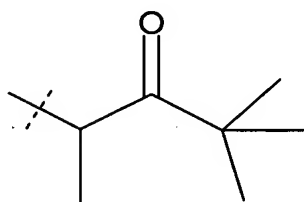
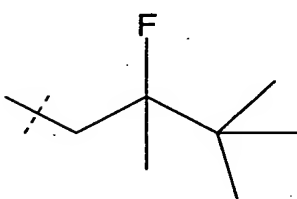
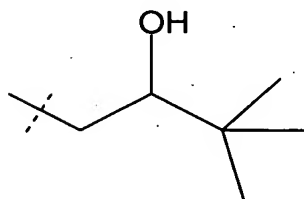
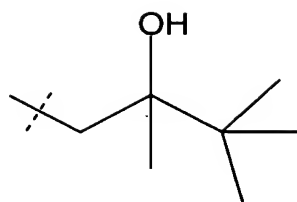
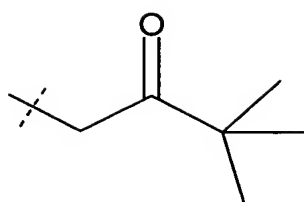
R and R' are independently methyl, ethyl, propyl, 1-methylethyl, 1-methylpropyl, 2-methylpropyl, or 1,1-dimethylethyl;

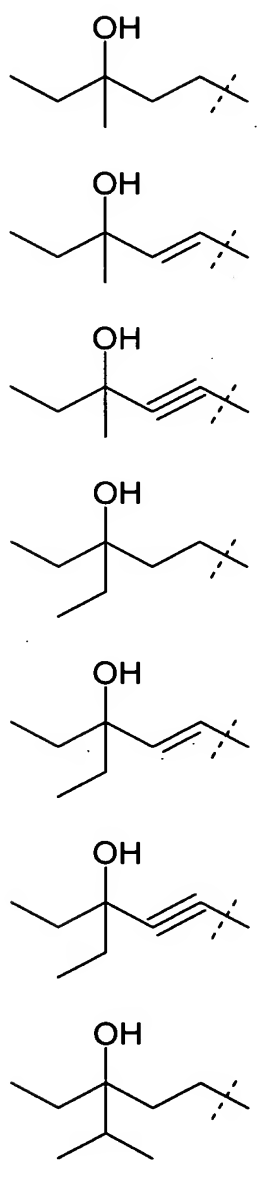
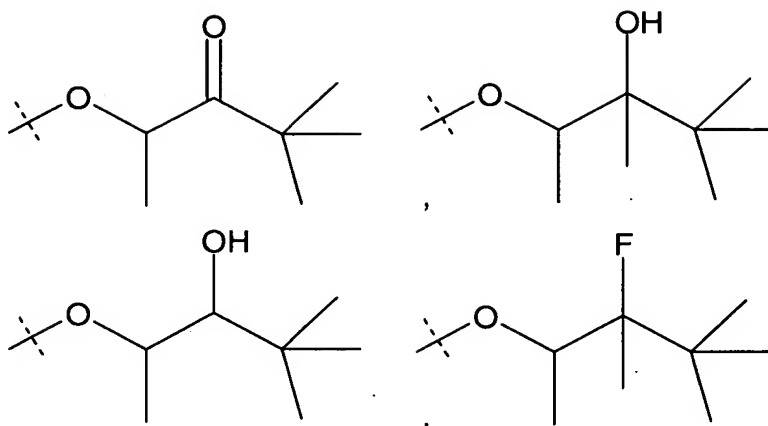
R_P and R_T are independently selected from the group consisting of hydrogen, fluoro, -CF₃, -CH₂F, -CHF₂, -CH₂Cl, methoxy, ethoxy, vinyl, methyl, ethyl, propyl, 1-methylethyl, butyl, 1-methylpropyl, 2-methylpropyl, or 1,1-dimethylethyl;

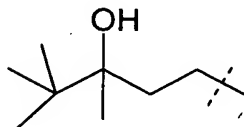
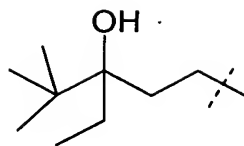
L_T and L_P are independently selected from one the following divalent linking group;



Z_P is selected from

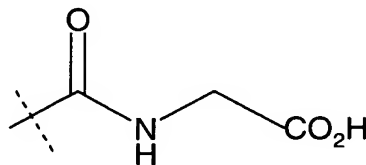
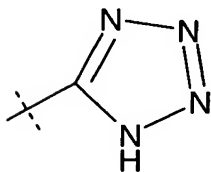
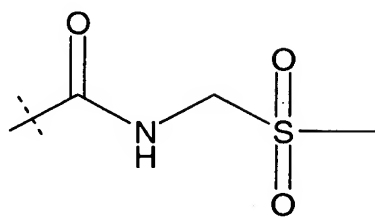
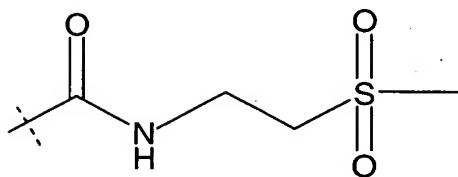
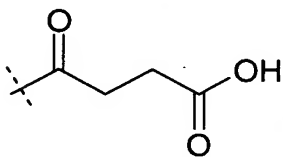


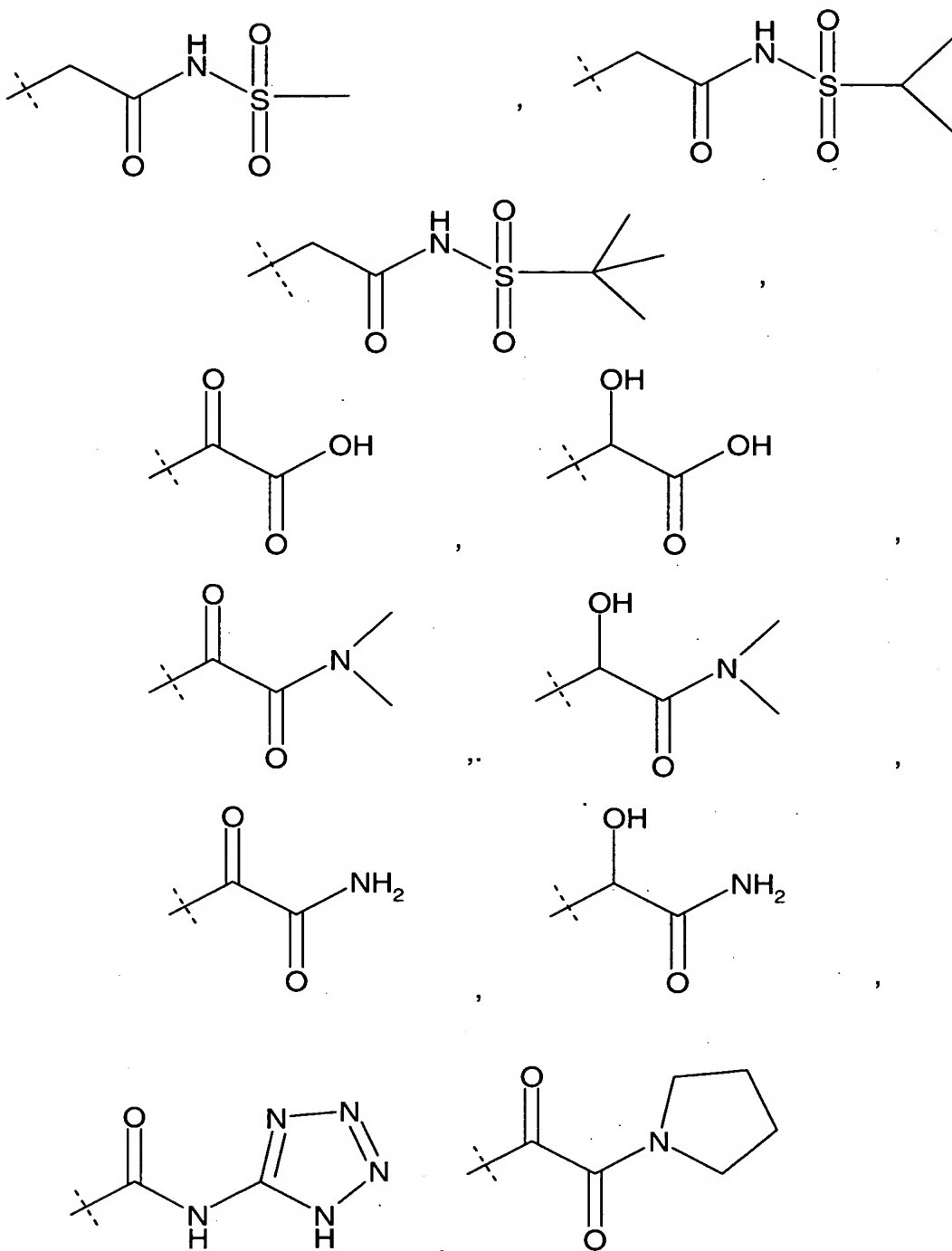


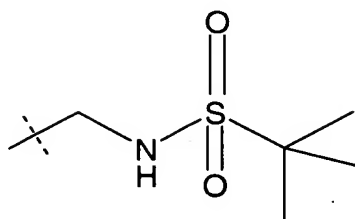
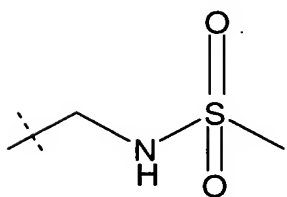
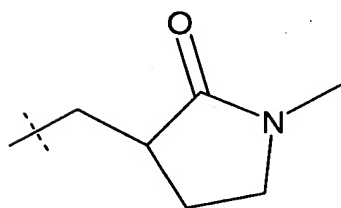
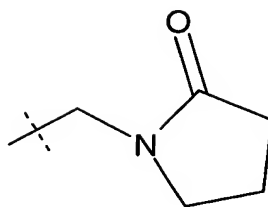
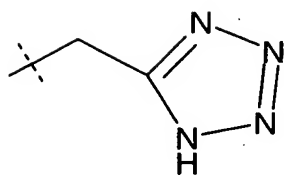
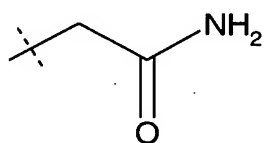
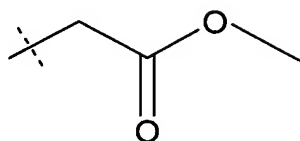
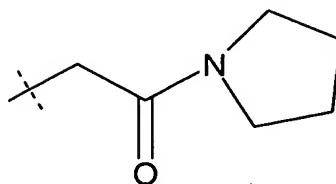
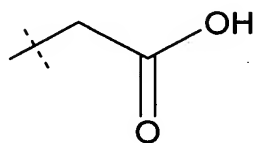
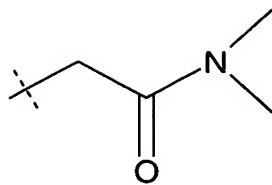
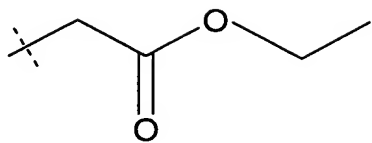


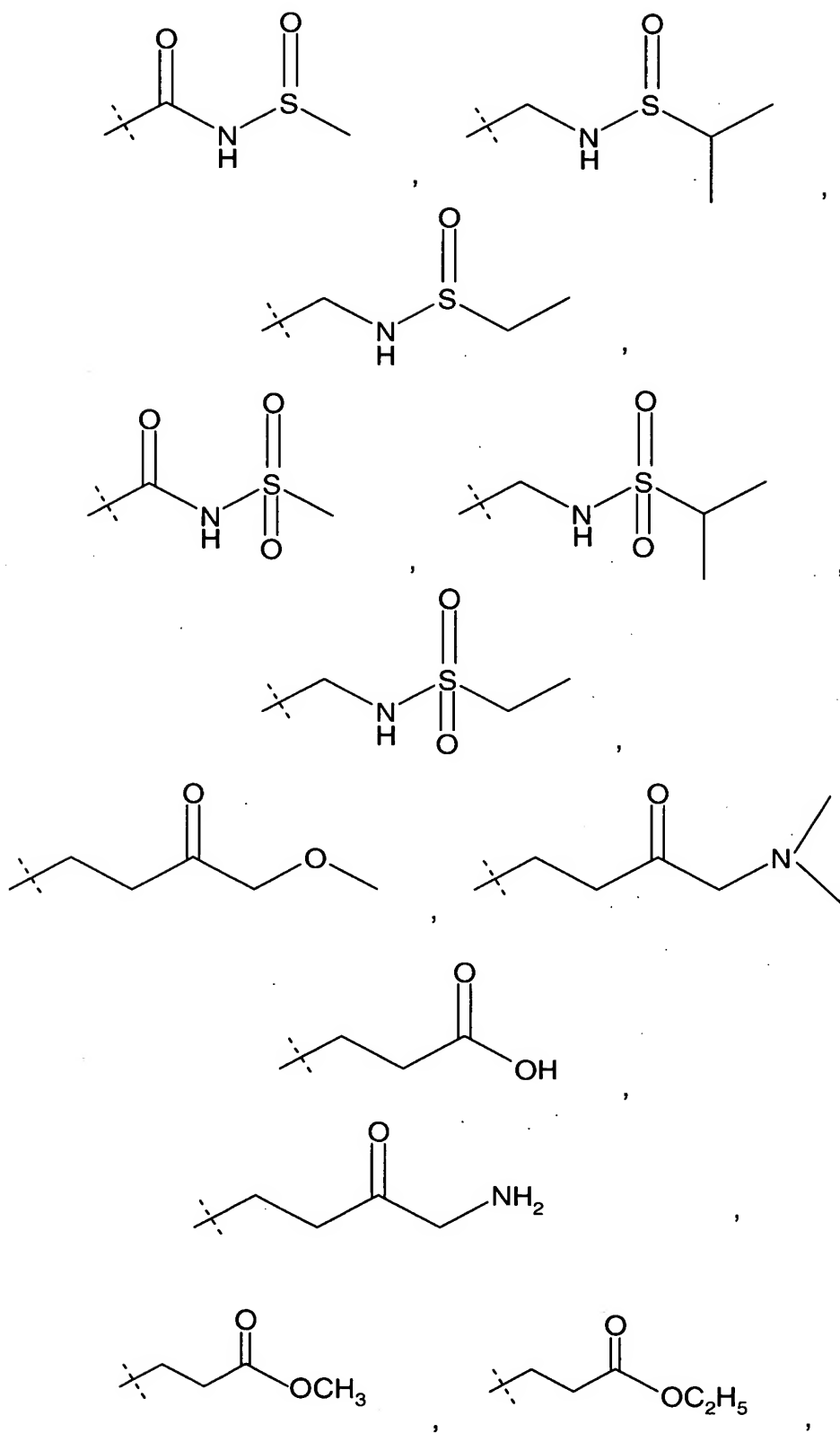
1-hydroxycyclopentenyl,
 1-hydroxycyclohexenyl,
 1-hydroxycycloheptenyl,
 1-hydroxycyclooctenyl,
 1-hydroxycyclopropyl,
 1-hydroxycyclobutyl,
 1-hydroxycyclopentyl,
 1-hydroxycyclohexyl,
 1-hydroxycycloheptyl, and
 1-hydroxycyclooctyl;

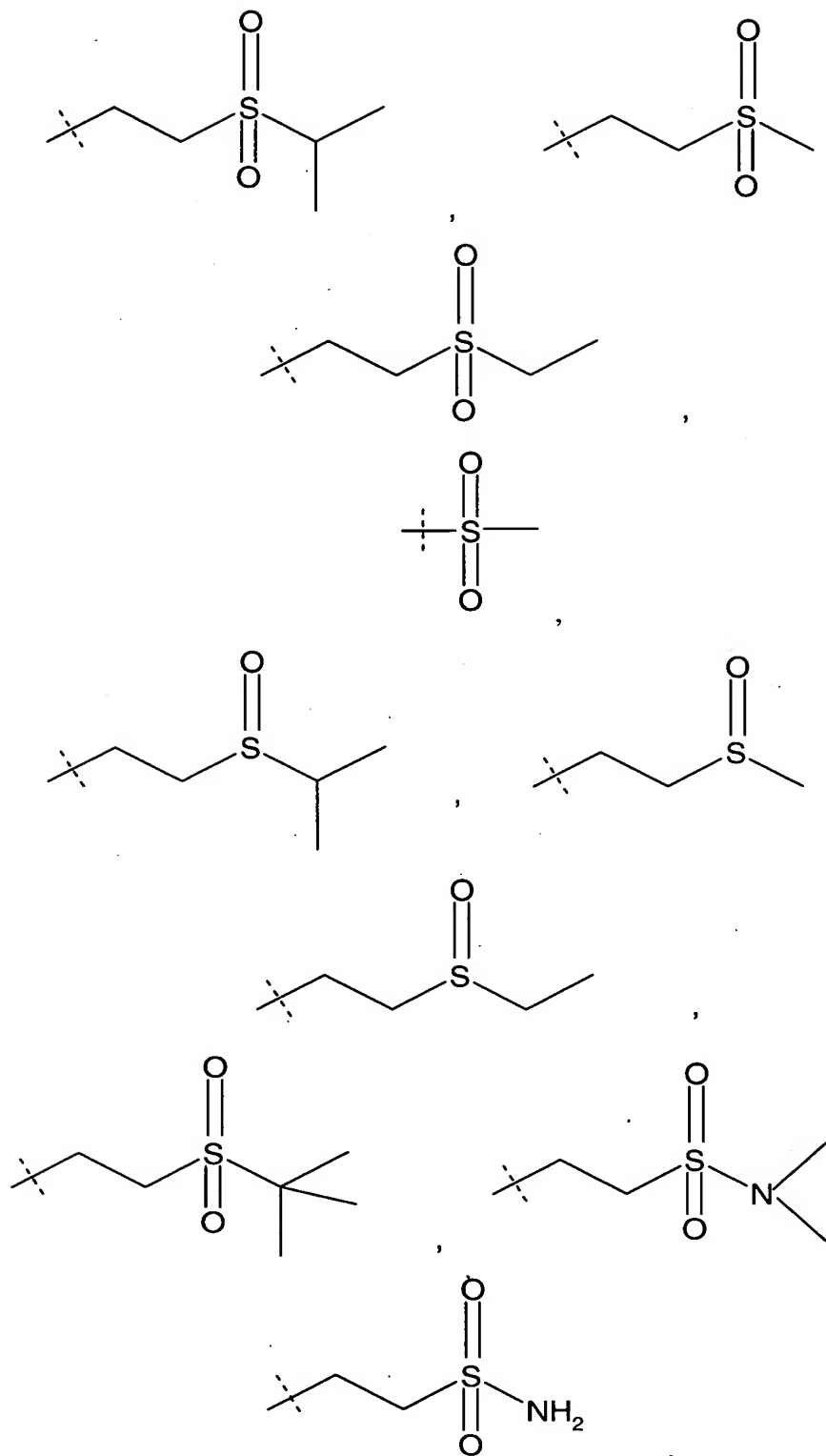
Z_T is a group represented by one of the structural formulae:

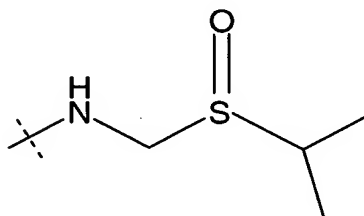
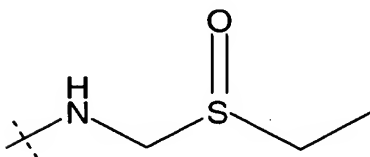
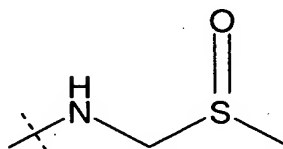
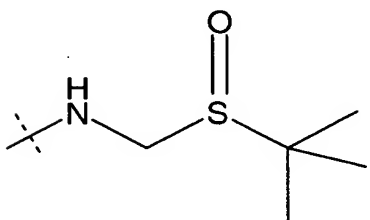
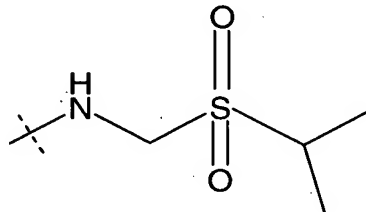
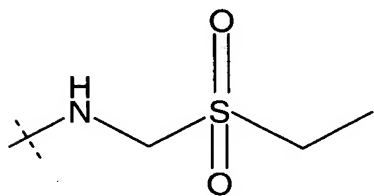
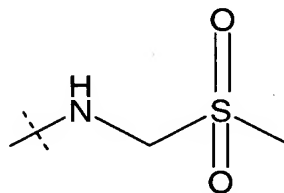
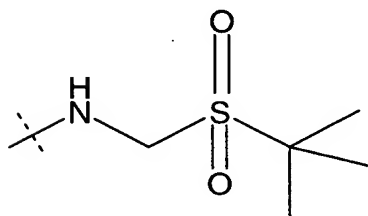
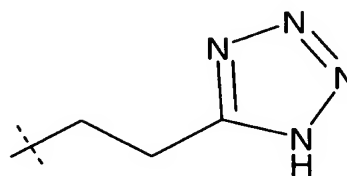
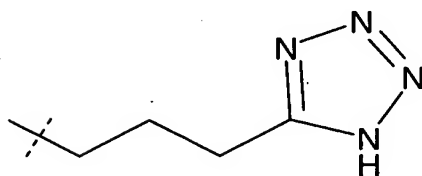
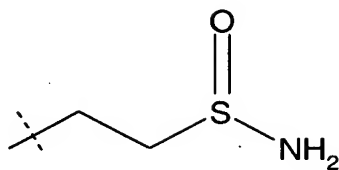
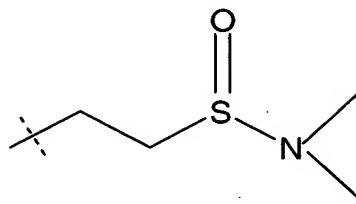
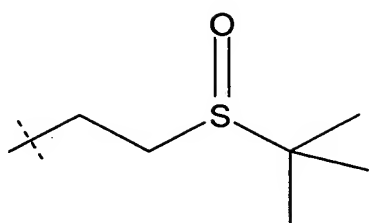


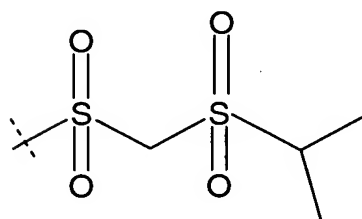
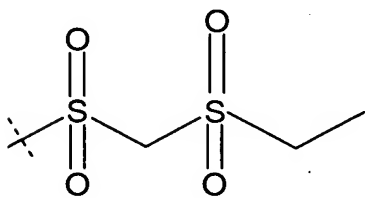
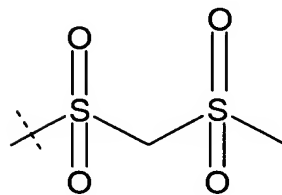
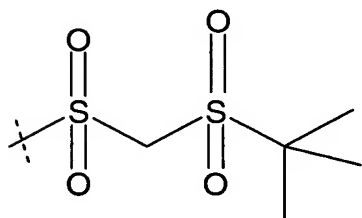
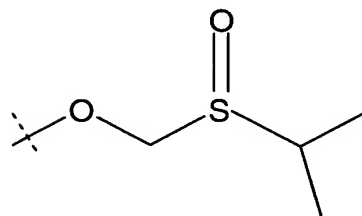
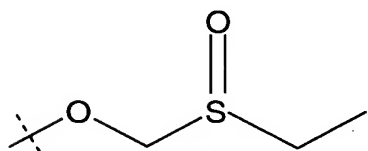
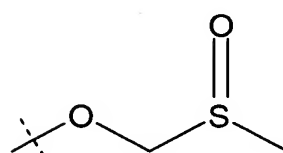
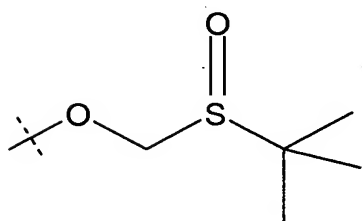
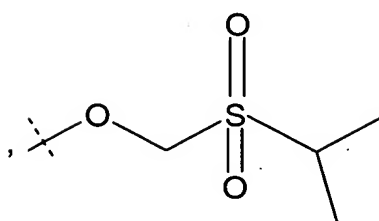
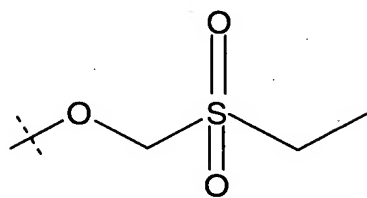
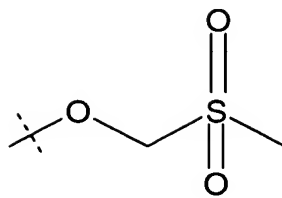
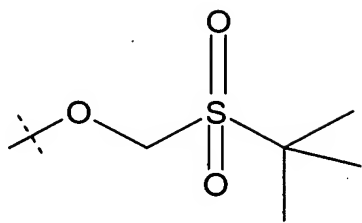


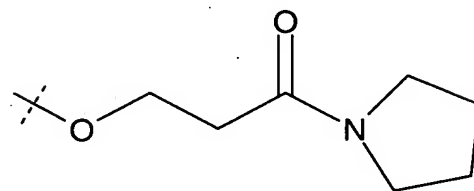
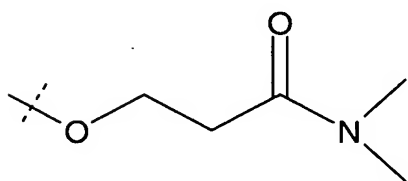
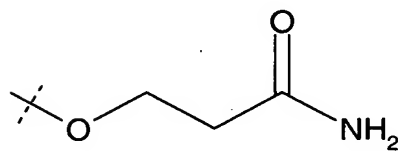
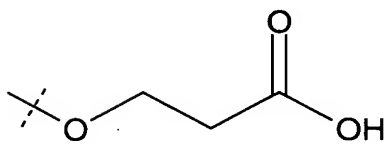
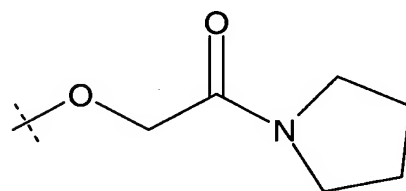
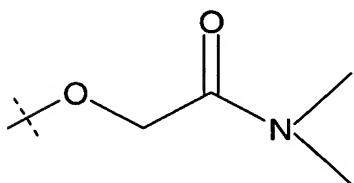
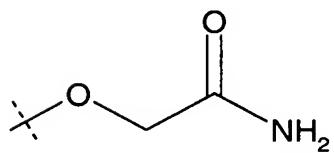
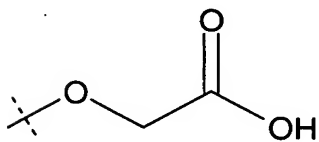
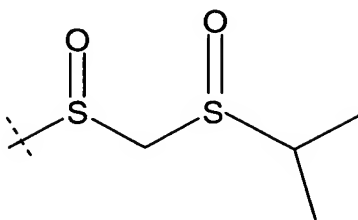
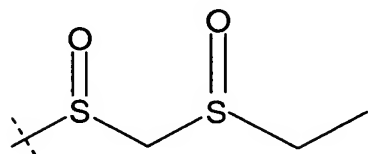
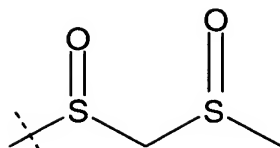
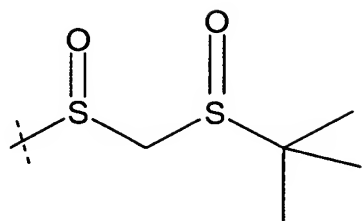


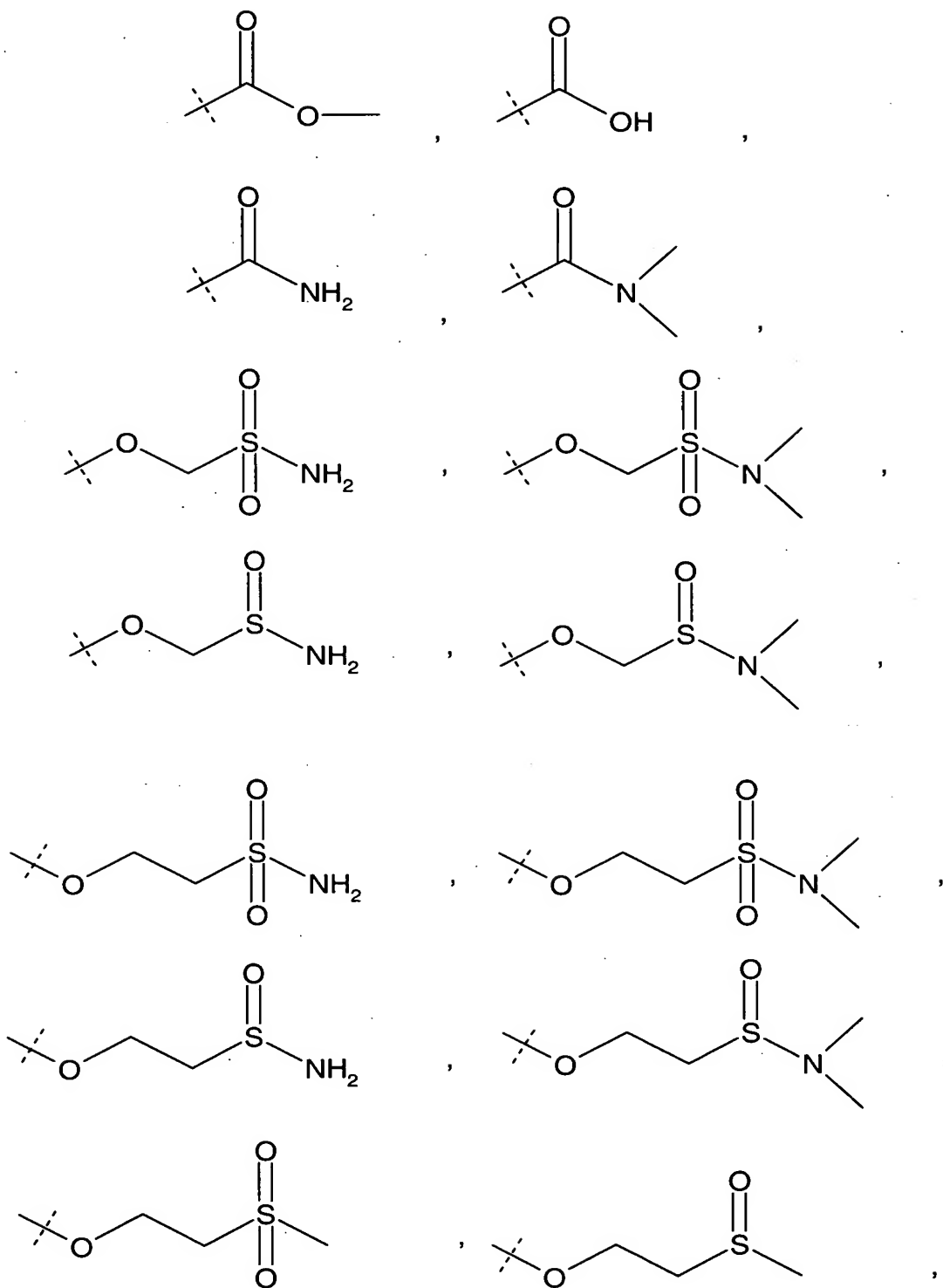


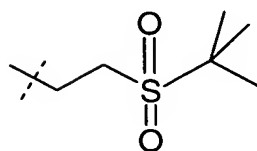
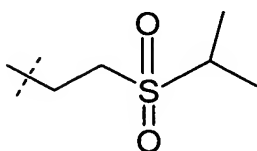
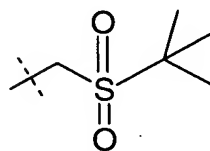
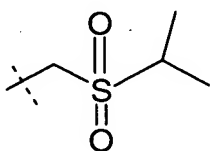
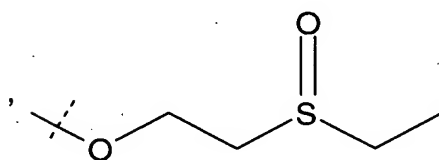
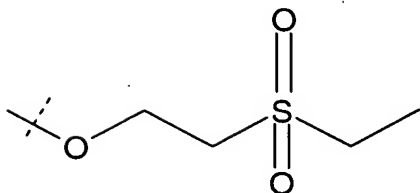
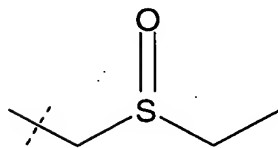
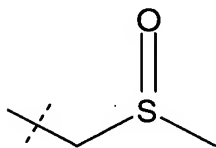
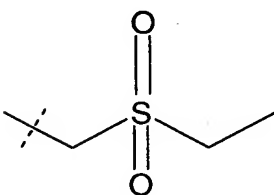
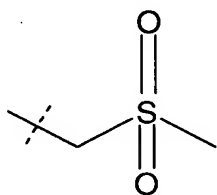
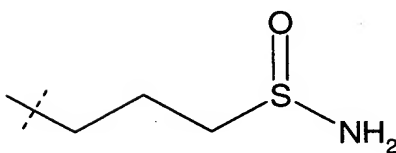
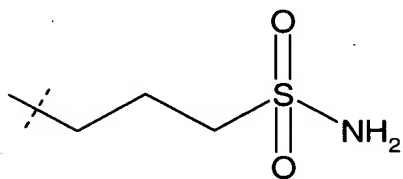
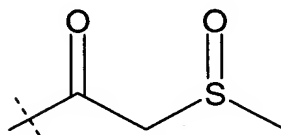
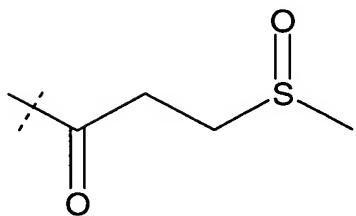
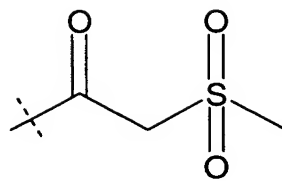
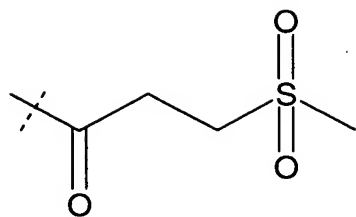


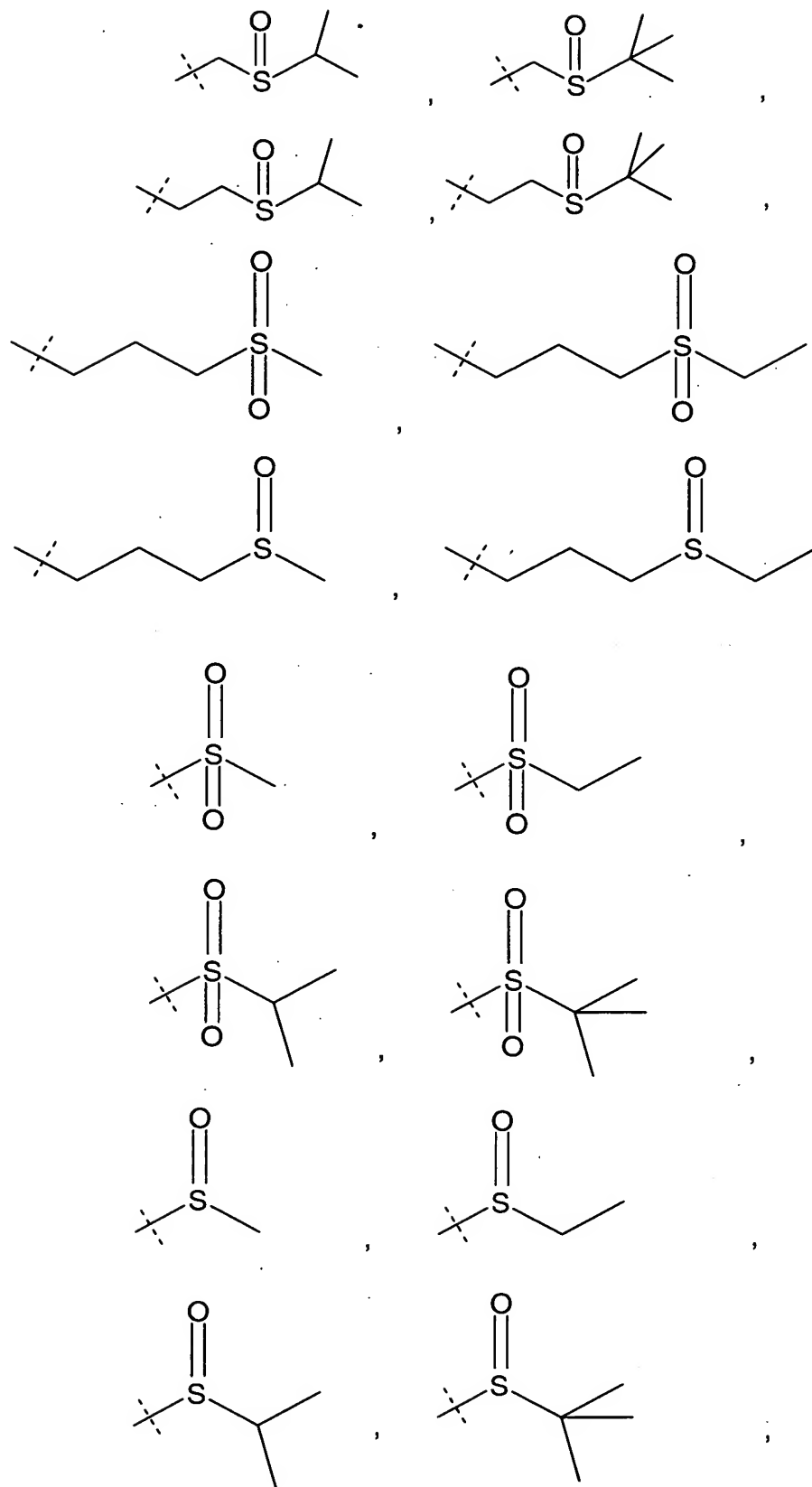


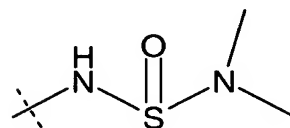
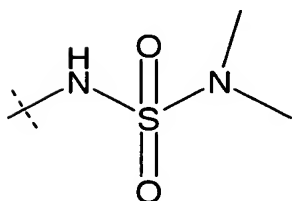
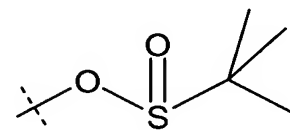
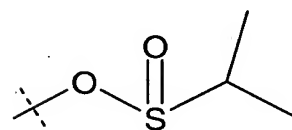
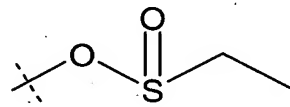
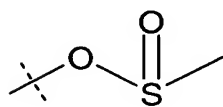
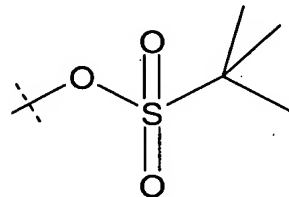
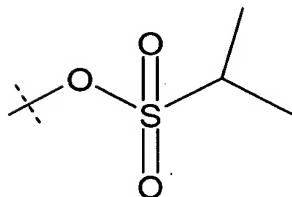
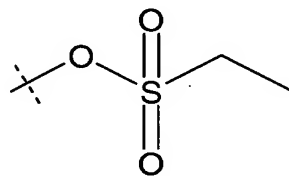
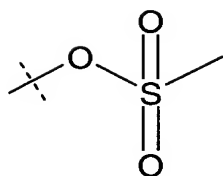
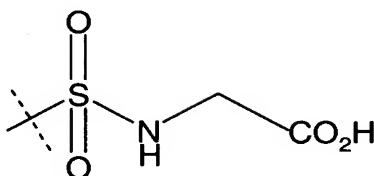
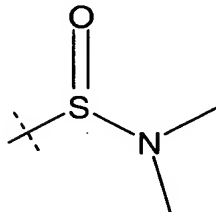
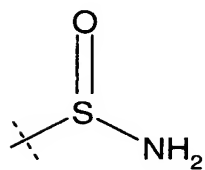
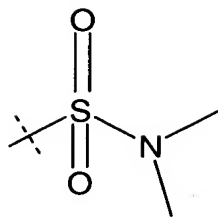
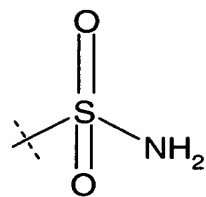


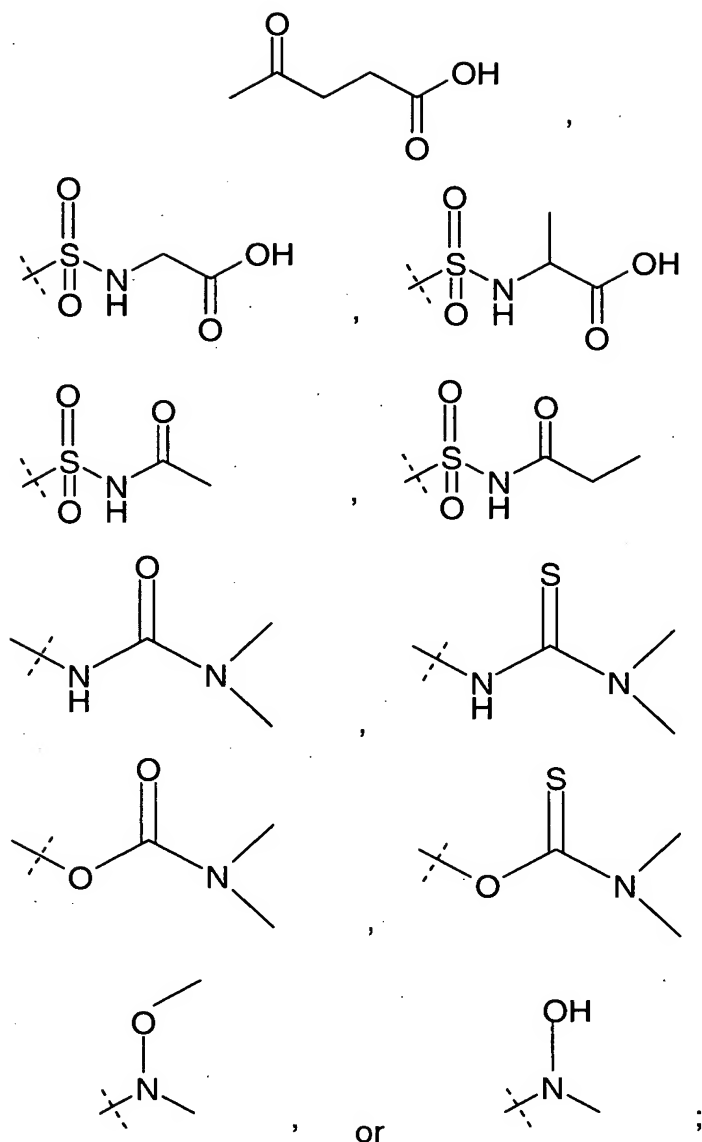




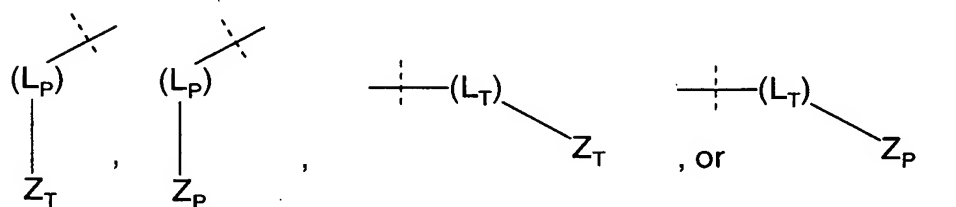








provided that the combined groups of formula II or III, or IV or V represented by



may all be lipophilic, or one may be lipophilic and the other one polar; but both combined groups may not be polar.

3. (Original) The method of claim 1 or 2 wherein;
linking group $-(L_T)-$ is a bond, $-O-$, or $-CH_2-$;

R and R' are both ethyl;

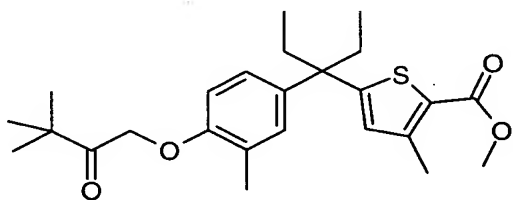
R_P and R_T are both methyl;

and provided that if Z_P or Z_T contain a C₁-C₅ alkyl group, then said group is 1,1-dimethylethyl;

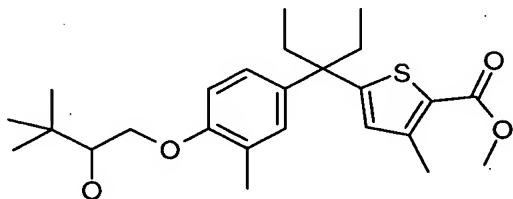
and provided that if the compound is a salt, then said salt is potassium or sodium.

4. (Currently Amended) A method of claim 1 for treating a mammal to prevent or alleviate the effect of Mustard by administering a pharmaceutically effective amount of any one of formula (X1) thru (X188) or a pharmaceutically acceptable salt, solvate, or prodrug derivative thereof:

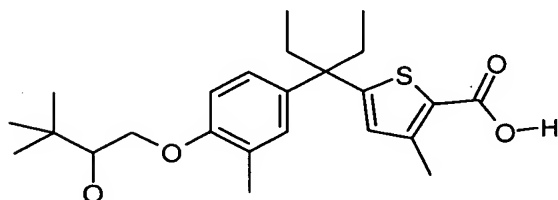
X1)



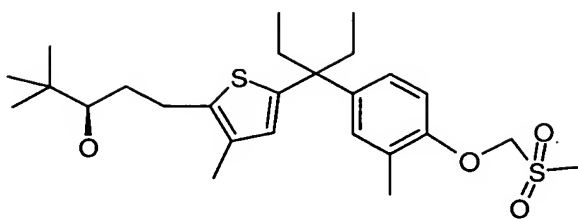
X2)



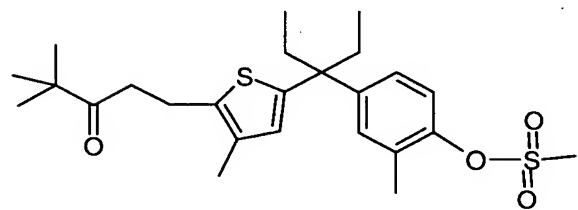
X3)



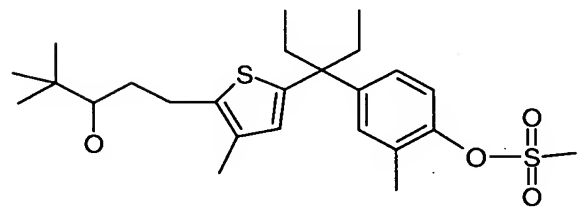
X14)



X17)



X19)



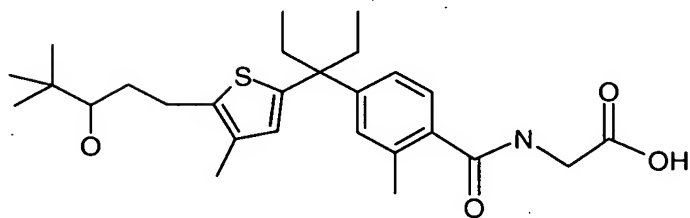
X20)

X21)

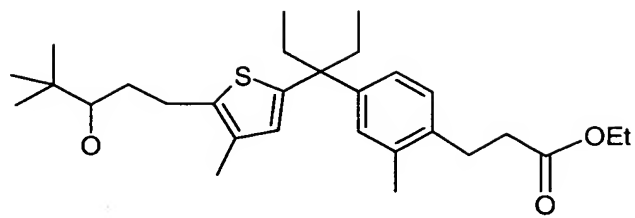
X22)

X24)

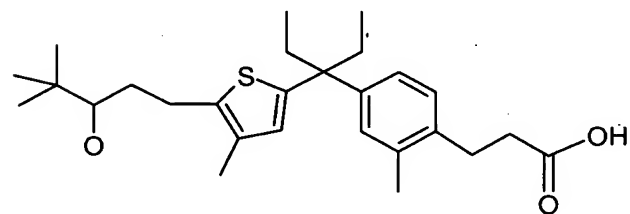
X26)



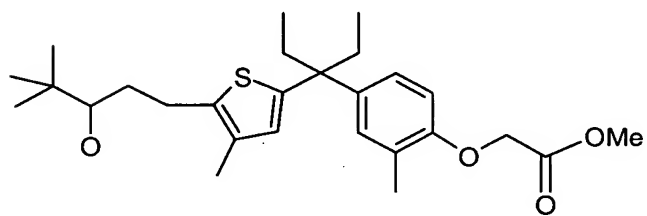
X28)



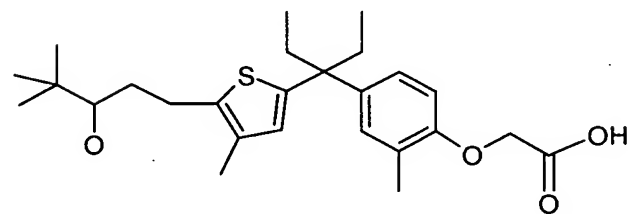
X29)



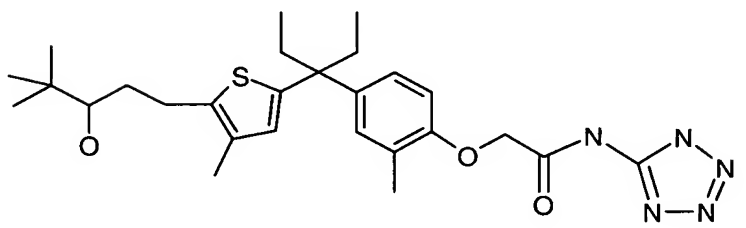
X31)



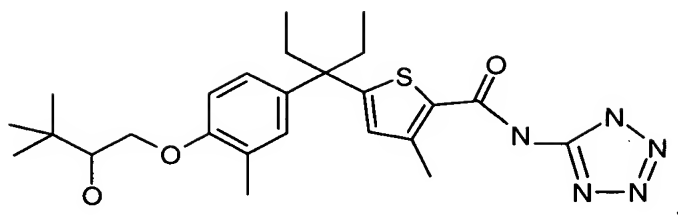
X32)



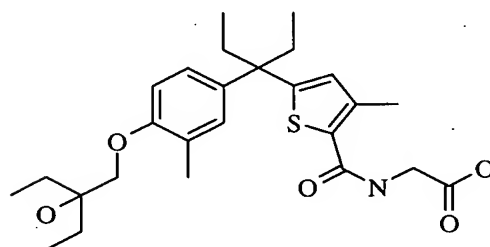
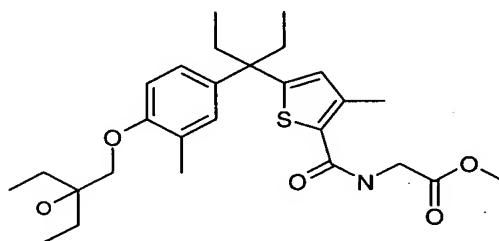
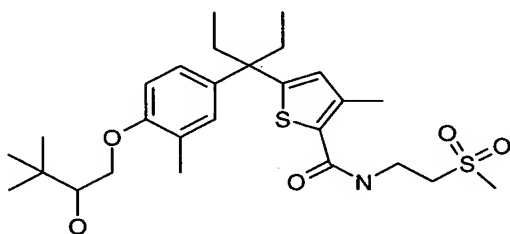
X34)



X36)

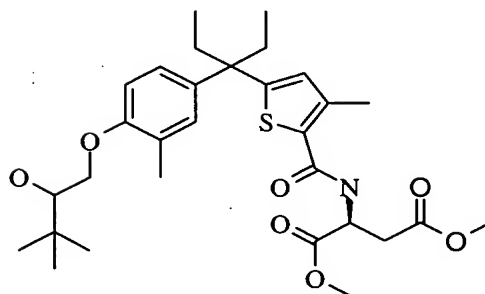


X38)

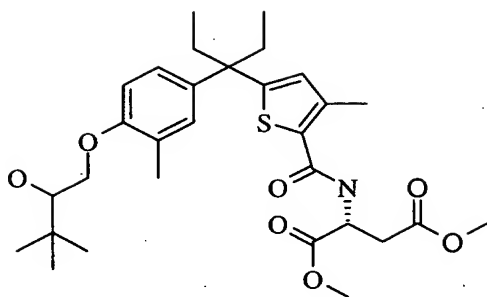


X54)

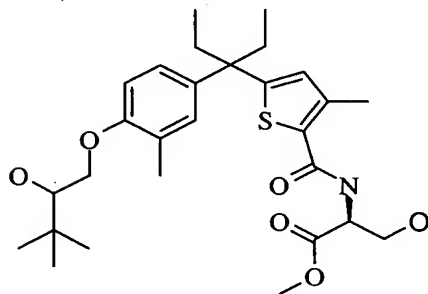
X56)



X60)

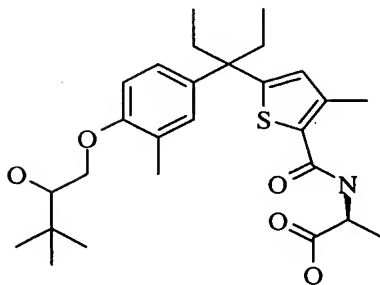


X62)



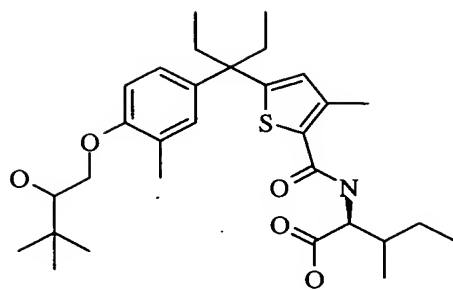
X64)

X65)



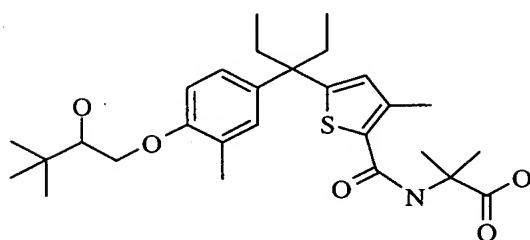
X66)

X69)



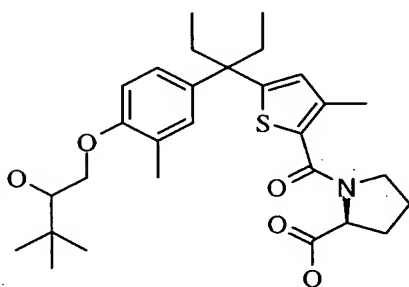
X70)

X71)

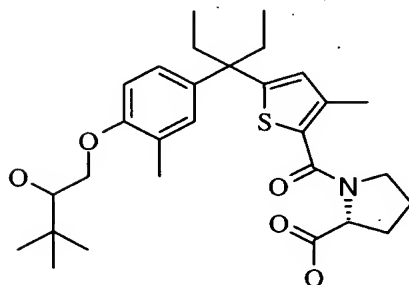


X72)

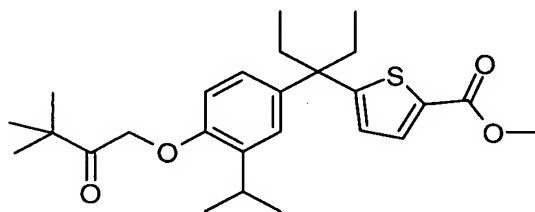
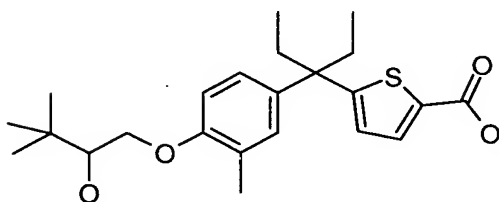
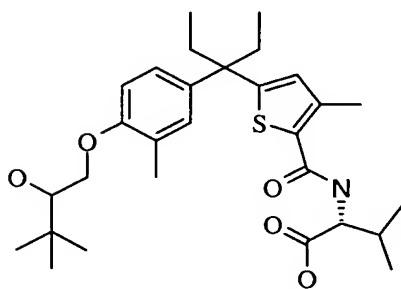
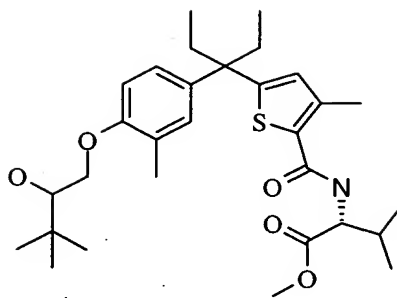
X75)



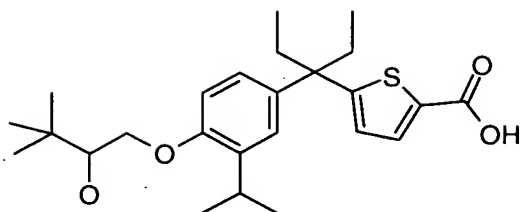
X78)



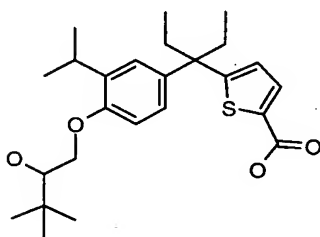
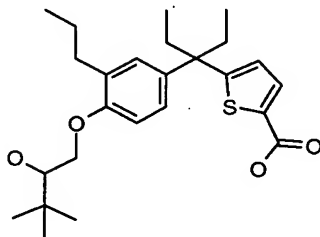
X83)



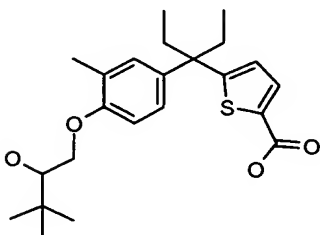
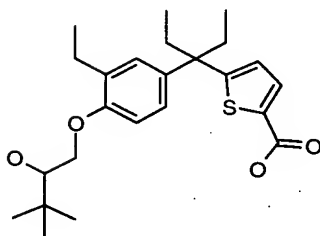
X92)



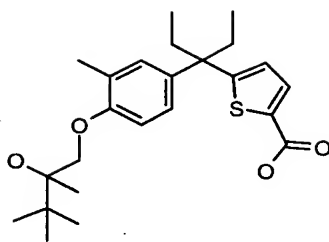
X93)



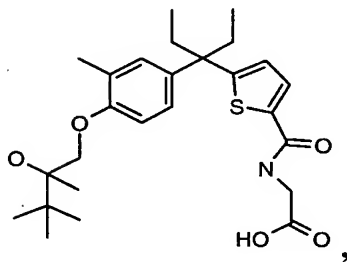
X99)



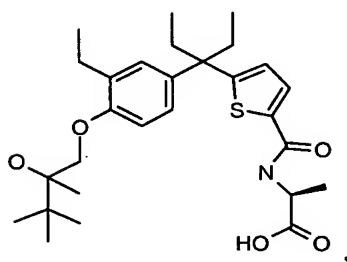
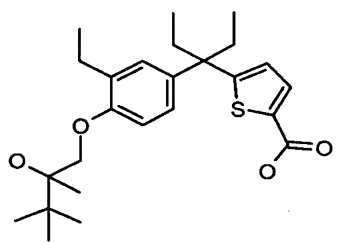
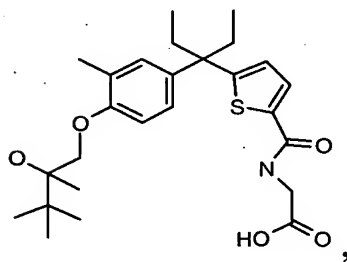
X103)

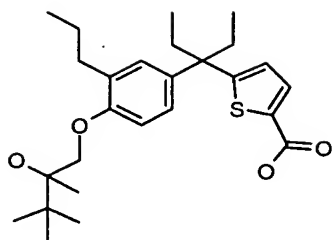


X105)

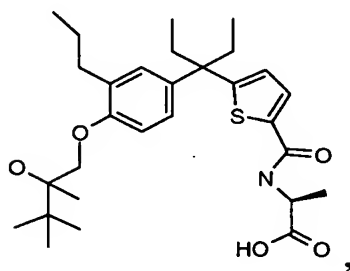


X106)





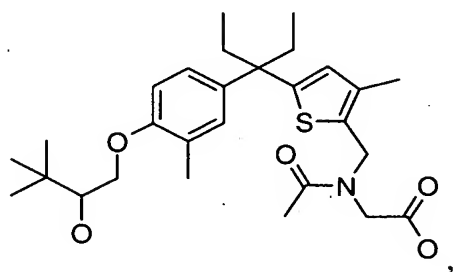
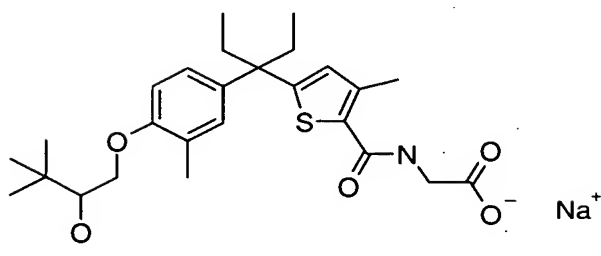
X114)



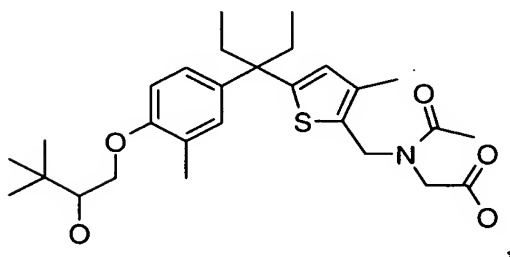
X118)

X122)

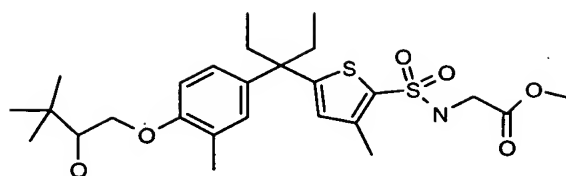
X128)



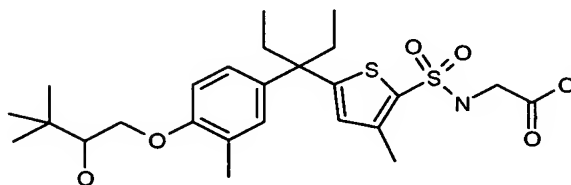
X131)



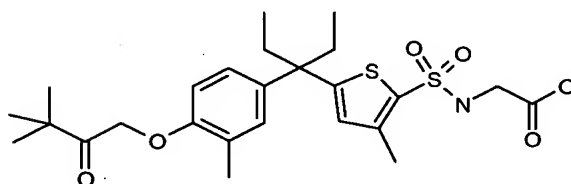
X134)



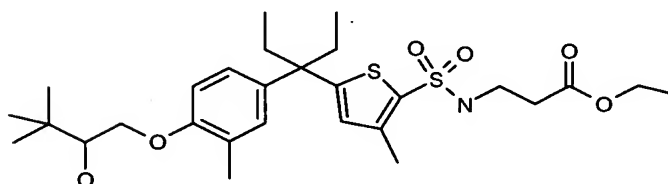
X137)



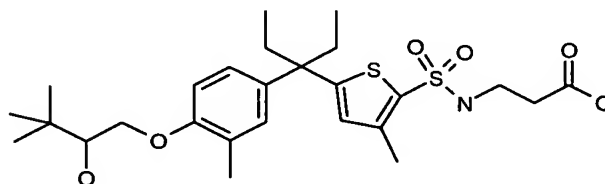
X139)



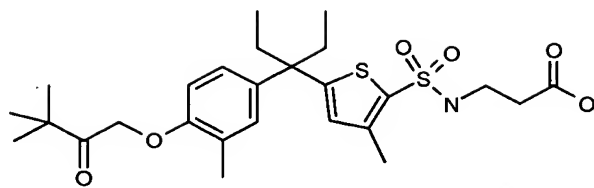
X140)



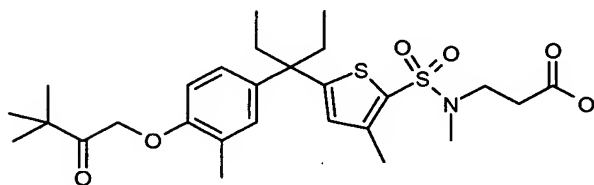
X141)



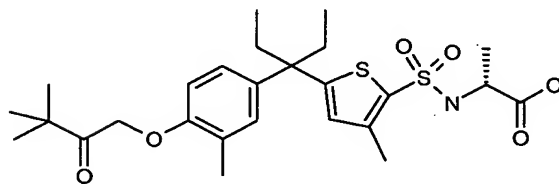
X144)



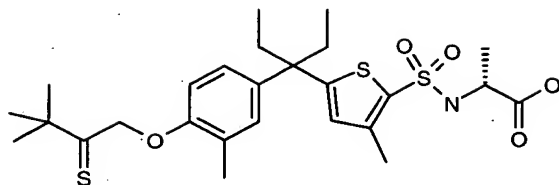
X145)



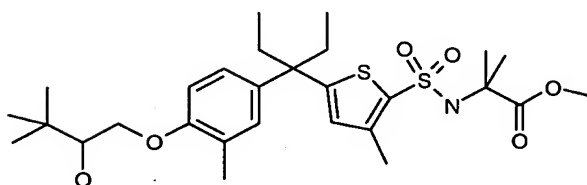
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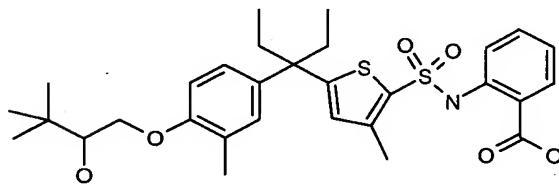
X147)



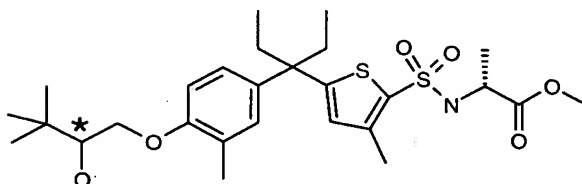
X148)



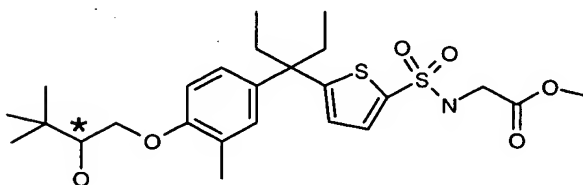
X149)



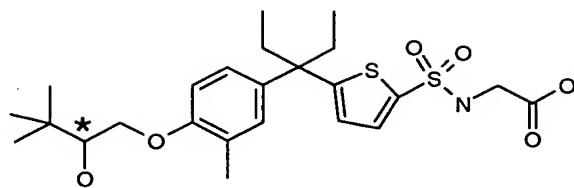
X150)



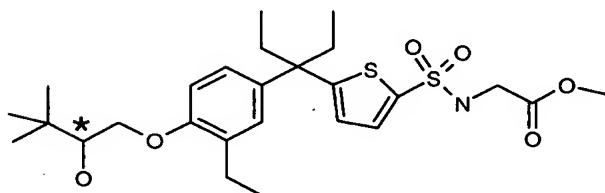
X152)



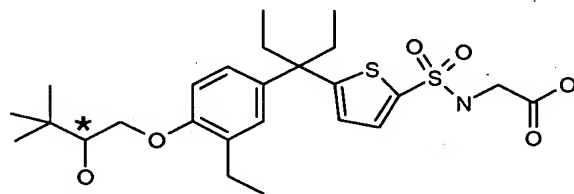
X153)



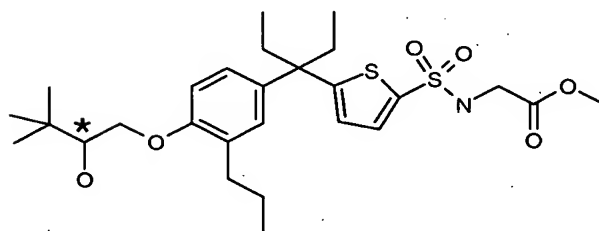
X154)



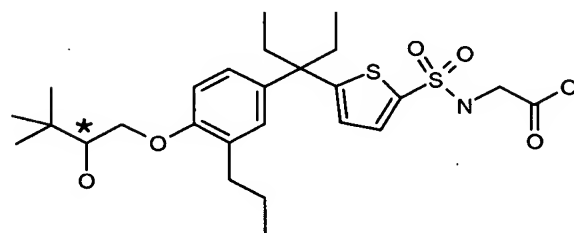
X155)



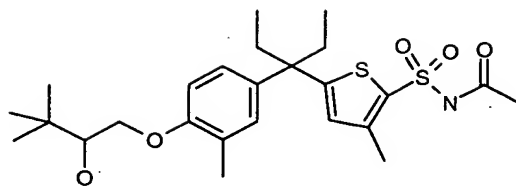
X156)



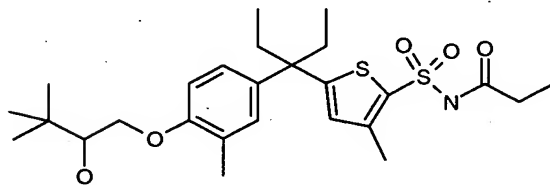
X157)



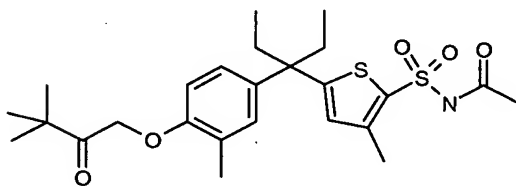
X158)



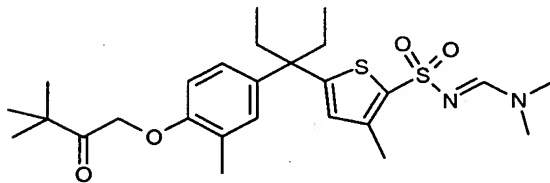
X159)



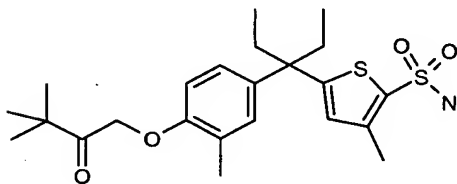
X160)

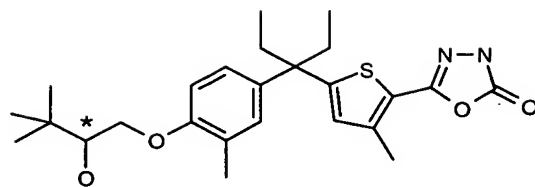


X161)

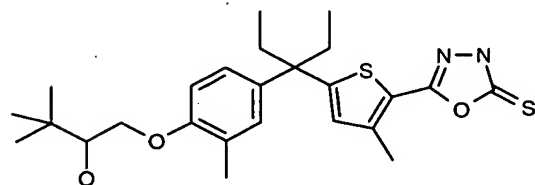


X162)

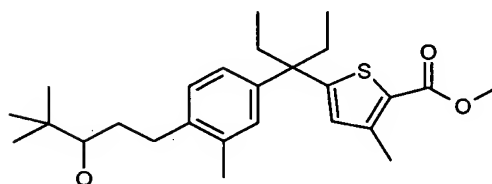




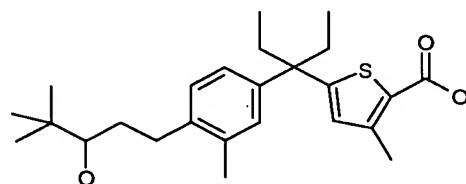
X172)



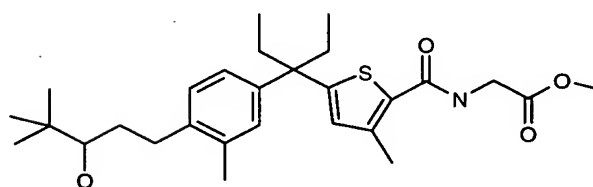
X174)

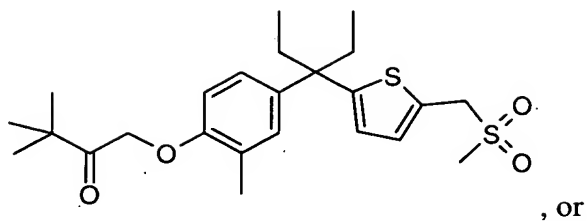


X175)

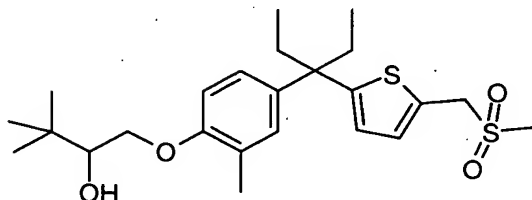


X176)



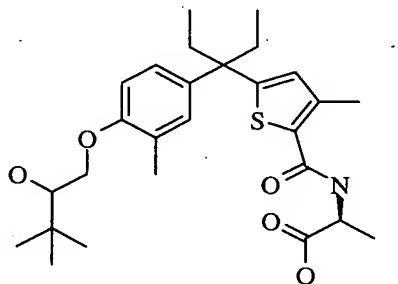


X188)

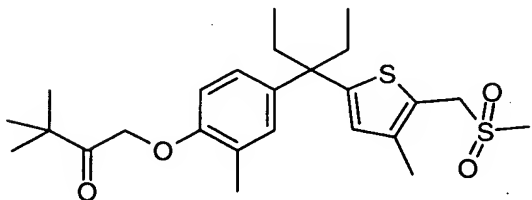


5. (Currently Amended) A method of claim 1 for treating a mammal to prevent or alleviate the effect of Mustard by administering a pharmaceutically effective amount of a compound selected from the group consisting of compounds represented by the formula:

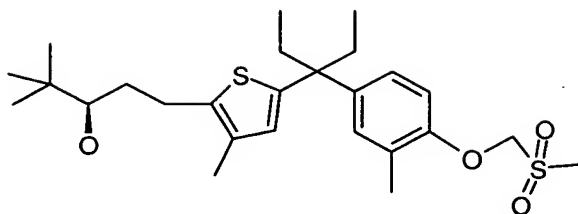
P100



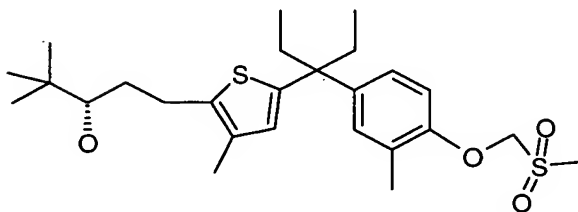
P101



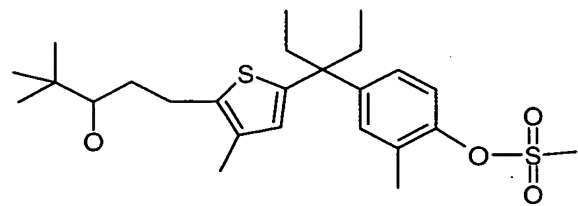
P102



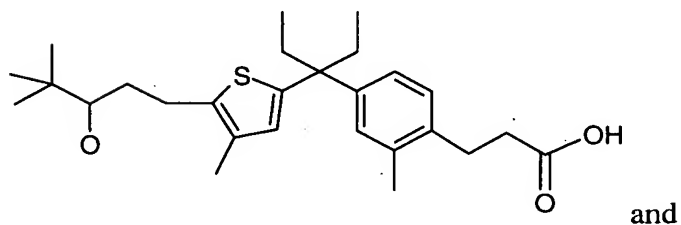
P103



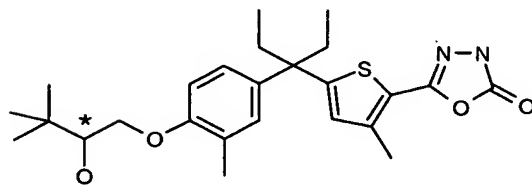
P104



P105



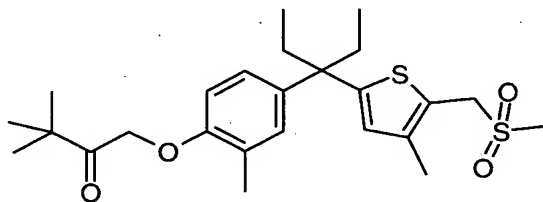
P106



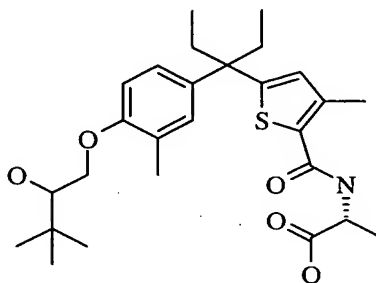
or a pharmaceutically suitable salt, solvate, or prodrug derivative thereof.

6. (Currently amended) A method of claim 1 for treating a mammal to prevent or alleviate the effect of Mustard by administering a pharmaceutically effective amount of a compound represented by the formula:

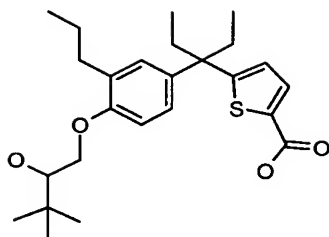
P101



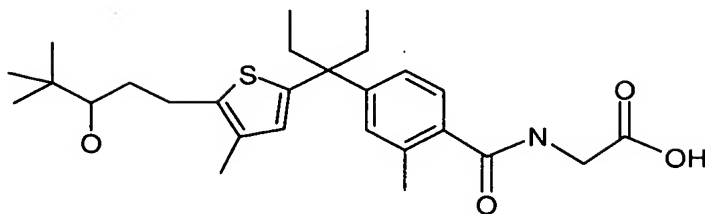
P200



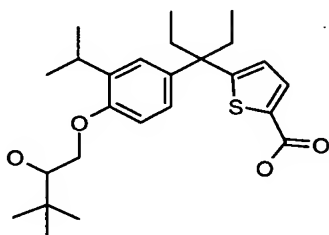
P202



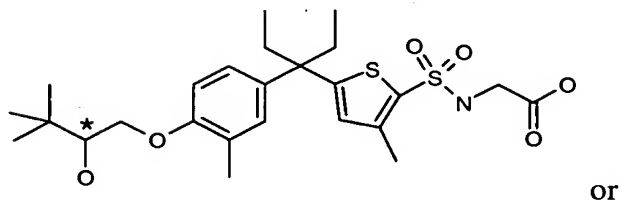
P203



P204

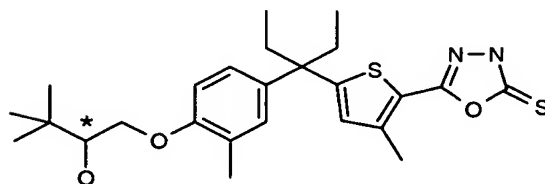


P205



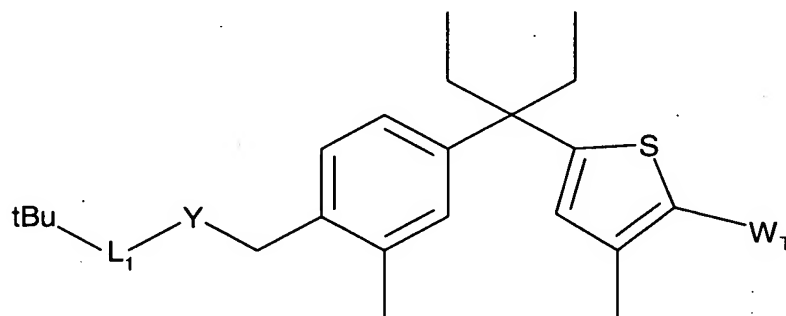
or

P206



or a pharmaceutically suitable salt, solvate, or prodrug derivative thereof.

7. (Currently amended) A method of claim 1 for treating a mammal to prevent or alleviate the effect of Mustard by administering a pharmaceutically effective amount of a compound or pharmaceutically acceptable salt thereof represented by the formula:



wherein said compound is selected from a compound code numbered 1 thru 516, with each compound having the specific selection of groups L_1 , Y, and W_T shown in the row following the code number, as set out in the following Table1:

Table 1

Code	L_1	Y	W_T
1	C(O)	CH ₂	-CO ₂ Me
2	CHOH	CH ₂	-CO ₂ Me
3	C(Me)OH	CH ₂	-CO ₂ Me
4	C(O)	CH(Me)	-CO ₂ Me
5	CHOH	CH(Me)	-CO ₂ Me
6	C(Me)OH	CH(Me)	-CO ₂ Me
7	C(O)	CH ₂	-CO ₂ H
8	CHOH	CH ₂	-CO ₂ H
9	C(Me)OH	CH ₂	-CO ₂ H
10	C(O)	CH(Me)	-CO ₂ H
11	CHOH	CH(Me)	-CO ₂ H
12	C(Me)OH	CH(Me)	-CO ₂ H

13	C(O)	CH ₂	-C(O)NH ₂
14	CHOH	CH ₂	-C(O)NH ₂
15	C(Me)OH	CH ₂	-C(O)NH ₂
16	C(O)	CH(Me)	-C(O)NH ₂
17	CHOH	CH(Me)	-C(O)NH ₂
18	C(Me)OH	CH(Me)	-C(O)NH ₂
19	C(O)	CH ₂	-C(O)NMe ₂
20	CHOH	CH ₂	-C(O)NMe ₂
21	C(Me)OH	CH ₂	-C(O)NMe ₂
22	C(O)	CH(Me)	-C(O)NMe ₂
23	CHOH	CH(Me)	-C(O)NMe ₂
24	C(Me)OH	CH(Me)	-C(O)NMe ₂
25	C(O)	CH ₂	5-tetrazolyl
26	CHOH	CH ₂	5-tetrazolyl
27	C(Me)OH	CH ₂	5-tetrazolyl
28	C(O)	CH(Me)	5-tetrazolyl
29	CHOH	CH(Me)	5-tetrazolyl
30	C(Me)OH	CH(Me)	5-tetrazolyl
31	C(O)	CH ₂	-C(O)-NH-5-tetrazolyl
32	CHOH	CH ₂	-C(O)-NH-5-tetrazolyl
33	C(Me)OH	CH ₂	-C(O)-NH-5-tetrazolyl
34	C(O)	CH(Me)	-C(O)-NH-5-tetrazolyl
35	CHOH	CH(Me)	-C(O)-NH-5-tetrazolyl
36	C(Me)OH	CH(Me)	-C(O)-NH-5-tetrazolyl
37	C(O)	CH ₂	-C(O)NHCH ₂ SO ₂ Me
38	CHOH	CH ₂	-C(O)NHCH ₂ SO ₂ Me
39	C(Me)OH	CH ₂	-C(O)NHCH ₂ SO ₂ Me
40	C(O)	CH(Me)	-C(O)NHCH ₂ SO ₂ Me
41	CHOH	CH(Me)	-C(O)NHCH ₂ SO ₂ Me
42	C(Me)OH	CH(Me)	-C(O)NHCH ₂ SO ₂ Me
43	C(O)	CH ₂	-C(O)NHCH ₂ CH ₂ SO ₂ Me
44	CHOH	CH ₂	-C(O)NHCH ₂ CH ₂ SO ₂ Me

45	C(Me)OH	CH ₂	-C(O)NHCH ₂ CH ₂ SO ₂ Me
46	C(O)	CH(Me)	-C(O)NHCH ₂ CH ₂ SO ₂ Me
47	CHOH	CH(Me)	-C(O)NHCH ₂ CH ₂ SO ₂ Me
48	C(Me)OH	CH(Me)	-C(O)NHCH ₂ CH ₂ SO ₂ Me
49	C(O)	CH ₂	-C(O)NHSO ₂ Me
50	CHOH	CH ₂	-C(O)NHSO ₂ Me
51	C(Me)OH	CH ₂	-C(O)NHSO ₂ Me
52	C(O)	CH(Me)	-C(O)NHSO ₂ Me
53	CHOH	CH(Me)	-C(O)NHSO ₂ Me
54	C(Me)OH	CH(Me)	-C(O)NHSO ₂ Me
55	C(O)	CH ₂	-CH ₂ -C(O)NHSO ₂ Et
56	CHOH	CH ₂	-CH ₂ -C(O)NHSO ₂ Et
57	C(Me)OH	CH ₂	-CH ₂ -C(O)NHSO ₂ Et
58	C(O)	CH(Me)	-CH ₂ -C(O)NHSO ₂ Et
59	CHOH	CH(Me)	-CH ₂ -C(O)NHSO ₂ Et
60	C(Me)OH	CH(Me)	-CH ₂ -C(O)NHSO ₂ Et
61	C(O)	CH ₂	-CH ₂ -C(O)NHSO ₂ iPr
62	CHOH	CH ₂	-CH ₂ -C(O)NHSO ₂ iPr
63	C(Me)OH	CH ₂	-CH ₂ -C(O)NHSO ₂ iPr
64	C(O)	CH(Me)	-CH ₂ -C(O)NHSO ₂ iPr
65	CHOH	CH(Me)	-CH ₂ -C(O)NHSO ₂ iPr
66	C(Me)OH	CH(Me)	-CH ₂ -C(O)NHSO ₂ iPr
67	C(O)	CH ₂	-CH ₂ -C(O)NHSO ₂ tBu
68	CHOH	CH ₂	-CH ₂ -C(O)NHSO ₂ tBu
69	C(Me)OH	CH ₂	-CH ₂ -C(O)NHSO ₂ tBu
70	C(O)	CH(Me)	-CH ₂ -C(O)NHSO ₂ tBu
71	CHOH	CH(Me)	-CH ₂ -C(O)NHSO ₂ tBu
72	C(Me)OH	CH(Me)	-CH ₂ -C(O)NHSO ₂ tBu
73	C(O)	CH ₂	-CH ₂ NHSO ₂ Me
74	CHOH	CH ₂	-CH ₂ NHSO ₂ Me
75	C(Me)OH	CH ₂	-CH ₂ NHSO ₂ Me
76	C(O)	CH(Me)	-CH ₂ NHSO ₂ Me

77	CHOH	CH(Me)	-CH ₂ NHSO ₂ Me
78	C(Me)OH	CH(Me)	-CH ₂ NHSO ₂ Me
79	C(O)	CH ₂	-CH ₂ NHSO ₂ Et
80	CHOH	CH ₂	-CH ₂ NHSO ₂ Et
81	C(Me)OH	CH ₂	-CH ₂ NHSO ₂ Et
82	C(O)	CH(Me)	-CH ₂ NHSO ₂ Et
83	CHOH	CH(Me)	-CH ₂ NHSO ₂ Et
84	C(Me)OH	CH(Me)	-CH ₂ NHSO ₂ Et
85	C(O)	CH ₂	-CH ₂ NHSO ₂ iPr
86	CHOH	CH ₂	-CH ₂ NHSO ₂ iPr
87	C(Me)OH	CH ₂	-CH ₂ NHSO ₂ iPr
88	C(O)	CH(Me)	-CH ₂ NHSO ₂ iPr
89	CHOH	CH(Me)	-CH ₂ NHSO ₂ iPr
90	C(Me)OH	CH(Me)	-CH ₂ NHSO ₂ iPr
91	C(O)	CH ₂	-CH ₂ NHSO ₂ tBu
92	CHOH	CH ₂	-CH ₂ NHSO ₂ tBu
93	C(Me)OH	CH ₂	-CH ₂ NHSO ₂ tBu
94	C(O)	CH(Me)	-CH ₂ NHSO ₂ tBu
95	CHOH	CH(Me)	-CH ₂ NHSO ₂ tBu
96	C(Me)OH	CH(Me)	-CH ₂ NHSO ₂ tBu
97	C(O)	CH ₂	-CH ₂ -N-pyrrolidin-2-one
98	CHOH	CH ₂	-CH ₂ -N-pyrrolidin-2-one
99	C(Me)OH	CH ₂	-CH ₂ -N-pyrrolidin-2-one
100	C(O)	CH(Me)	-CH ₂ -N-pyrrolidin-2-one
101	CHOH	CH(Me)	-CH ₂ -N-pyrrolidin-2-one
102	C(Me)OH	CH(Me)	-CH ₂ -N-pyrrolidin-2-one
103	C(O)	CH ₂	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
104	CHOH	CH ₂	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
105	C(Me)OH	CH ₂	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
106	C(O)	CH(Me)	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
107	CHOH	CH(Me)	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
108	C(Me)OH	CH(Me)	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)

109	C(O)	CH ₂	-CH ₂ CO ₂ Me
110	CHOH	CH ₂	-CH ₂ CO ₂ Me
111	C(Me)OH	CH ₂	-CH ₂ CO ₂ Me
112	C(O)	CH(Me)	-CH ₂ CO ₂ Me
113	CHOH	CH(Me)	-CH ₂ CO ₂ Me
114	C(Me)OH	CH(Me)	-CH ₂ CO ₂ Me
115	C(O)	CH ₂	-CH ₂ CO ₂ H
116	CHOH	CH ₂	-CH ₂ CO ₂ H
117	C(Me)OH	CH ₂	-CH ₂ CO ₂ H
118	C(O)	CH(Me)	-CH ₂ CO ₂ H
119	CHOH	CH(Me)	-CH ₂ CO ₂ H
120	C(Me)OH	CH(Me)	-CH ₂ CO ₂ H
121	C(O)	CH ₂	-CH ₂ C(O)NH ₂
122	CHOH	CH ₂	-CH ₂ C(O)NH ₂
123	C(Me)OH	CH ₂	-CH ₂ C(O)NH ₂
124	C(O)	CH(Me)	-CH ₂ C(O)NH ₂
125	CHOH	CH(Me)	-CH ₂ C(O)NH ₂
126	C(Me)OH	CH(Me)	-CH ₂ C(O)NH ₂
127	C(O)	CH ₂	-CH ₂ C(O)NMe ₂
128	CHOH	CH ₂	-CH ₂ C(O)NMe ₂
129	C(Me)OH	CH ₂	-CH ₂ C(O)NMe ₂
130	C(O)	CH(Me)	-CH ₂ C(O)NMe ₂
131	CHOH	CH(Me)	-CH ₂ C(O)NMe ₂
132	C(Me)OH	CH(Me)	-CH ₂ C(O)NMe ₂
133	C(O)	CH ₂	-CH ₂ C(O)-N-pyrrolidine
134	CHOH	CH ₂	-CH ₂ C(O)-N-pyrrolidine
135	C(Me)OH	CH ₂	-CH ₂ C(O)-N-pyrrolidine
136	C(O)	CH(Me)	-CH ₂ C(O)-N-pyrrolidine
137	CHOH	CH(Me)	-CH ₂ C(O)-N-pyrrolidine
138	C(Me)OH	CH(Me)	-CH ₂ C(O)-N-pyrrolidine
139	C(O)	CH ₂	-CH ₂ -5-tetrazolyl
140	CHOH	CH ₂	-CH ₂ -5-tetrazolyl

141	C(Me)OH	CH ₂	-CH ₂ -5-tetrazolyl
142	C(O)	CH(Me)	-CH ₂ -5-tetrazolyl
143	CHOH	CH(Me)	-CH ₂ -5-tetrazolyl
144	C(Me)OH	CH(Me)	-CH ₂ -5-tetrazolyl
145	C(O)	CH ₂	-C(O)C(O)OH
146	CHOH	CH ₂	-C(O)C(O)OH
147	C(Me)OH	CH ₂	-C(O)C(O)OH
148	C(O)	CH(Me)	-C(O)C(O)OH
149	CHOH	CH(Me)	-C(O)C(O)OH
150	C(Me)OH	CH(Me)	-C(O)C(O)OH
151	C(O)	CH ₂	-CH(OH)C(O)OH
152	CHOH	CH ₂	-CH(OH)C(O)OH
153	C(Me)OH	CH ₂	-CH(OH)C(O)OH
154	C(O)	CH(Me)	-CH(OH)C(O)OH
155	CHOH	CH(Me)	-CH(OH)C(O)OH
156	C(Me)OH	CH(Me)	-CH(OH)C(O)OH
157	C(O)	CH ₂	-C(O)C(O)NH ₂
158	CHOH	CH ₂	-C(O)C(O)NH ₂
159	C(Me)OH	CH ₂	-C(O)C(O)NH ₂
160	C(O)	CH(Me)	-C(O)C(O)NH ₂
161	CHOH	CH(Me)	-C(O)C(O)NH ₂
162	C(Me)OH	CH(Me)	-C(O)C(O)NH ₂
163	C(O)	CH ₂	-CH(OH)C(O)NH ₂
164	CHOH	CH ₂	-CH(OH)C(O)NH ₂
165	C(Me)OH	CH ₂	-CH(OH)C(O)NH ₂
166	C(O)	CH(Me)	-CH(OH)C(O)NH ₂
167	CHOH	CH(Me)	-CH(OH)C(O)NH ₂
168	C(Me)OH	CH(Me)	-CH(OH)C(O)NH ₂
169	C(O)	CH ₂	-C(O)C(O)NMe ₂
170	CHOH	CH ₂	-C(O)C(O)NMe ₂
171	C(Me)OH	CH ₂	-C(O)C(O)NMe ₂
172	C(O)	CH(Me)	-C(O)C(O)NMe ₂

173	CHOH	CH(Me)	-C(O)C(O)NMe2
174	C(Me)OH	CH(Me)	-C(O)C(O)NMe2
175	C(O)	CH2	-CH(OH)C(O)NMe2
176	CHOH	CH2	-CH(OH)C(O)NMe2
177	C(Me)OH	CH2	-CH(OH)C(O)NMe2
178	C(O)	CH(Me)	-CH(OH)C(O)NMe2
179	CHOH	CH(Me)	-CH(OH)C(O)NMe2
180	C(Me)OH	CH(Me)	-CH(OH)C(O)NMe2
181	C(O)	CH2	-CH2CH2CO2H
182	CHOH	CH2	-CH2CH2CO2H
183	C(Me)OH	CH2	-CH2CH2CO2H
184	C(O)	CH(Me)	-CH2CH2CO2H
185	CHOH	CH(Me)	-CH2CH2CO2H
186	C(Me)OH	CH(Me)	-CH2CH2CO2H
187	C(O)	CH2	-CH2CH2C(O)NH2
188	CHOH	CH2	-CH2CH2C(O)NH2
189	C(Me)OH	CH2	-CH2CH2C(O)NH2
190	C(O)	CH(Me)	-CH2CH2C(O)NH2
191	CHOH	CH(Me)	-CH2CH2C(O)NH2
192	C(Me)OH	CH(Me)	-CH2CH2C(O)NH2
193	C(O)	CH2	-CH2CH2C(O)NMe2
194	CHOH	CH2	-CH2CH2C(O)NMe2
195	C(Me)OH	CH2	-CH2CH2C(O)NMe2
196	C(O)	CH(Me)	-CH2CH2C(O)NMe2
197	CHOH	CH(Me)	-CH2CH2C(O)NMe2
198	C(Me)OH	CH(Me)	-CH2CH2C(O)NMe2
199	C(O)	CH2	-CH2CH2-5-tetrazolyl
200	CHOH	CH2	-CH2CH2-5-tetrazolyl
201	C(Me)OH	CH2	-CH2CH2-5-tetrazolyl
202	C(O)	CH(Me)	-CH2CH2-5-tetrazolyl
203	CHOH	CH(Me)	-CH2CH2-5-tetrazolyl
204	C(Me)OH	CH(Me)	-CH2CH2-5-tetrazolyl

205	C(O)	CH ₂	-CH ₂ S(O) ₂ Me
206	CHOH	CH ₂	-CH ₂ S(O) ₂ Me
207	C(Me)OH	CH ₂	-CH ₂ S(O) ₂ Me
208	C(O)	CH(Me)	-CH ₂ S(O) ₂ Me
209	CHOH	CH(Me)	-CH ₂ S(O) ₂ Me
210	C(Me)OH	CH(Me)	-CH ₂ S(O) ₂ Me
211	C(O)	CH ₂	-CH ₂ CH ₂ S(O) ₂ Me
212	CHOH	CH ₂	-CH ₂ CH ₂ S(O) ₂ Me
213	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O) ₂ Me
214	C(O)	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Me
215	CHOH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Me
216	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Me
217	C(O)	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
218	CHOH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
219	C(Me)OH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
220	C(O)	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
221	CHOH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
222	C(Me)OH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
223	C(O)	CH ₂	-CH ₂ S(O) ₂ Et
224	CHOH	CH ₂	-CH ₂ S(O) ₂ Et
225	C(Me)OH	CH ₂	-CH ₂ S(O) ₂ Et
226	C(O)	CH(Me)	-CH ₂ S(O) ₂ Et
227	CHOH	CH(Me)	-CH ₂ S(O) ₂ Et
228	C(Me)OH	CH(Me)	-CH ₂ S(O) ₂ Et
229	C(O)	CH ₂	-CH ₂ CH ₂ S(O) ₂ Et
230	CHOH	CH ₂	-CH ₂ CH ₂ S(O) ₂ Et
231	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O) ₂ Et
232	C(O)	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Et
233	CHOH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Et
234	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Et
235	C(O)	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
236	CHOH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et

237	C(Me)OH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
238	C(O)	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
239	CHOH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
240	C(Me)OH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
241	C(O)	CH ₂	-CH ₂ S(O) ₂ iPr
242	CHOH	CH ₂	-CH ₂ S(O) ₂ iPr
243	C(Me)OH	CH ₂	-CH ₂ S(O) ₂ iPr
244	C(O)	CH(Me)	-CH ₂ S(O) ₂ iPr
245	CHOH	CH(Me)	-CH ₂ S(O) ₂ iPr
246	C(Me)OH	CH(Me)	-CH ₂ S(O) ₂ iPr
247	C(O)	CH ₂	-CH ₂ CH ₂ S(O) ₂ iPr
248	CHOH	CH ₂	-CH ₂ CH ₂ S(O) ₂ iPr
249	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O) ₂ iPr
250	C(O)	CH(Me)	-CH ₂ CH ₂ S(O) ₂ iPr
251	CHOH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ iPr
252	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ iPr
253	C(O)	CH ₂	-CH ₂ S(O) ₂ tBu
254	CHOH	CH ₂	-CH ₂ S(O) ₂ tBu
255	C(Me)OH	CH ₂	-CH ₂ S(O) ₂ tBu
256	C(O)	CH(Me)	-CH ₂ S(O) ₂ tBu
257	CHOH	CH(Me)	-CH ₂ S(O) ₂ tBu
258	C(Me)OH	CH(Me)	-CH ₂ S(O) ₂ tBu
259	C(O)	CH ₂	-CH ₂ CH ₂ S(O) ₂ tBu
260	CHOH	CH ₂	-CH ₂ CH ₂ S(O) ₂ tBu
261	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O) ₂ tBu
262	C(O)	CH(Me)	-CH ₂ CH ₂ S(O) ₂ tBu
263	CHOH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ tBu
264	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ tBu
265	C(O)	CH ₂	-CH ₂ CH ₂ S(O) ₂ NH ₂
266	CHOH	CH ₂	-CH ₂ CH ₂ S(O) ₂ NH ₂
267	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O) ₂ NH ₂
268	C(O)	CH(Me)	-CH ₂ CH ₂ S(O) ₂ NH ₂

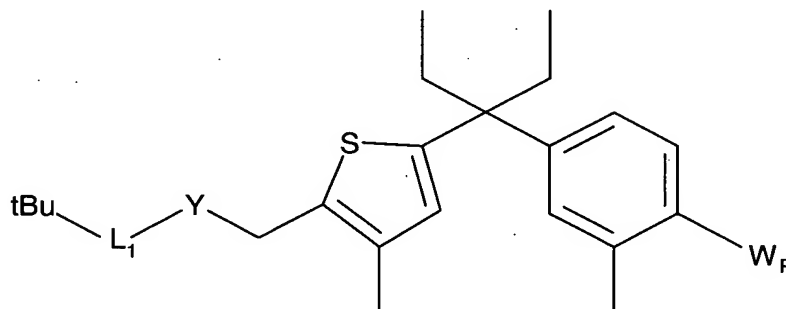
269	CHOH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ NH ₂
270	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ NH ₂
271	C(O)	CH ₂	-CH ₂ CH ₂ S(O) ₂ NMe ₂
272	CHOH	CH ₂	-CH ₂ CH ₂ S(O) ₂ NMe ₂
273	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O) ₂ NMe ₂
274	C(O)	CH(Me)	-CH ₂ CH ₂ S(O) ₂ NMe ₂
275	CHOH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ NMe ₂
276	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ NMe ₂
277	C(O)	CH ₂	-C(O)CH ₂ S(O) ₂ Me
278	CHOH	CH ₂	-C(O)CH ₂ S(O) ₂ Me
279	C(Me)OH	CH ₂	-C(O)CH ₂ S(O) ₂ Me
280	C(O)	CH(Me)	-C(O)CH ₂ S(O) ₂ Me
281	CHOH	CH(Me)	-C(O)CH ₂ S(O) ₂ Me
282	C(Me)OH	CH(Me)	-C(O)CH ₂ S(O) ₂ Me
283	C(O)	CH ₂	-C(O)CH ₂ CH ₂ S(O) ₂ Me
284	CHOH	CH ₂	-C(O)CH ₂ CH ₂ S(O) ₂ Me
285	C(Me)OH	CH ₂	-C(O)CH ₂ CH ₂ S(O) ₂ Me
286	C(O)	CH(Me)	-C(O)CH ₂ CH ₂ S(O) ₂ Me
287	CHOH	CH(Me)	-C(O)CH ₂ CH ₂ S(O) ₂ Me
288	C(Me)OH	CH(Me)	-C(O)CH ₂ CH ₂ S(O) ₂ Me
289	C(O)	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
290	CHOH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
291	C(Me)OH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
292	C(O)	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
293	CHOH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
294	C(Me)OH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
295	C(O)	CH ₂	-S(O) ₂ Me
296	CHOH	CH ₂	-S(O) ₂ Me
297	C(Me)OH	CH ₂	-S(O) ₂ Me
298	C(O)	CH(Me)	-S(O) ₂ Me
299	CHOH	CH(Me)	-S(O) ₂ Me
300	C(Me)OH	CH(Me)	-S(O) ₂ Me

301	C(O)	CH ₂	-S(O) ₂ Et
302	CHOH	CH ₂	-S(O) ₂ Et
303	C(Me)OH	CH ₂	-S(O) ₂ Et
304	C(O)	CH(Me)	-S(O) ₂ Et
305	CHOH	CH(Me)	-S(O) ₂ Et
306	C(Me)OH	CH(Me)	-S(O) ₂ Et
307	C(O)	CH ₂	-S(O) ₂ iPr
308	CHOH	CH ₂	-S(O) ₂ iPr
309	C(Me)OH	CH ₂	-S(O) ₂ iPr
310	C(O)	CH(Me)	-S(O) ₂ iPr
311	CHOH	CH(Me)	-S(O) ₂ iPr
312	C(Me)OH	CH(Me)	-S(O) ₂ iPr
313	C(O)	CH ₂	-S(O) ₂ tBu
314	CHOH	CH ₂	-S(O) ₂ tBu
315	C(Me)OH	CH ₂	-S(O) ₂ tBu
316	C(O)	CH(Me)	-S(O) ₂ tBu
317	CHOH	CH(Me)	-S(O) ₂ tBu
318	C(Me)OH	CH(Me)	-S(O) ₂ tBu
319	C(O)	CH ₂	-S(O) ₂ NH ₂
320	CHOH	CH ₂	-S(O) ₂ NH ₂
321	C(Me)OH	CH ₂	-S(O) ₂ NH ₂
322	C(O)	CH(Me)	-S(O) ₂ NH ₂
323	CHOH	CH(Me)	-S(O) ₂ NH ₂
324	C(Me)OH	CH(Me)	-S(O) ₂ NH ₂
325	C(O)	CH ₂	-S(O) ₂ NMe ₂
326	CHOH	CH ₂	-S(O) ₂ NMe ₂
327	C(Me)OH	CH ₂	-S(O) ₂ NMe ₂
328	C(O)	CH(Me)	-S(O) ₂ NMe ₂
329	CHOH	CH(Me)	-S(O) ₂ NMe ₂
330	C(Me)OH	CH(Me)	-S(O) ₂ NMe ₂
331	C(O)	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Me
332	CHOH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Me

333	C(Me)OH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Me
334	C(O)	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Me
335	CHOH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Me
336	C(Me)OH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Me
337	C(O)	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Et
338	CHOH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Et
339	C(Me)OH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Et
340	C(O)	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Et
341	CHOH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Et
342	C(Me)OH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Et
343	C(O)	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ iPr
344	CHOH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ iPr
345	C(Me)OH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ iPr
346	C(O)	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ iPr
347	CHOH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ iPr
348	C(Me)OH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ iPr
349	C(O)	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ tBu
350	CHOH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ tBu
351	C(Me)OH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ tBu
352	C(O)	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ tBu
353	CHOH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ tBu
354	C(Me)OH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ tBu
355	C(O)	CH ₂	-C(O)NHCH ₂ CO ₂ H
356	CHOH	CH ₂	-C(O)NHCH ₂ CO ₂ H
357	C(Me)OH	CH ₂	-C(O)NHCH ₂ CO ₂ H
358	C(O)	CH(Me)	-C(O)NHCH ₂ CO ₂ H
359	CHOH	CH(Me)	-C(O)NHCH ₂ CO ₂ H
360	C(Me)OH	CH(Me)	-C(O)NHCH ₂ CO ₂ H
361	C(O)	CH ₂	-SO ₂ NHCH ₂ CO ₂ H
362	CHOH	CH ₂	-SO ₂ NHCH ₂ CO ₂ H
363	C(Me)OH	CH ₂	-SO ₂ NHCH ₂ CO ₂ H
364	C(O)	CH(Me)	-SO ₂ NHCH ₂ CO ₂ H

365	CHOH	CH(Me)	-SO ₂ NHCH ₂ CO ₂ H
366	C(Me)OH	CH(Me)	-SO ₂ NHCH ₂ CO ₂ H
366	C(Me)OH	CH(Me)	-SO ₂ NHCH ₂ CO ₂ H
367	C(O)	CH ₂	-CH ₂ -S-Me
368	CHOH	CH ₂	-CH ₂ -S-Me
369	C(Me)OH	CH ₂	-CH ₂ -S-Me
370	C(O)	CH(Me)	-CH ₂ -S-Me
371	CHOH	CH(Me)	-CH ₂ -S-Me
372	C(Me)OH	CH(Me)	-CH ₂ -S-Me

8. (Currently amended) A method of claim 1 for treating a mammal to prevent or alleviate the effect of Mustard by administering a pharmaceutically effective amount of a compound or pharmaceutically acceptable salt thereof, represented by the formula:



wherein said compound is selected from a compound code numbered 1A thru 516A, with each compound having the specific selection of groups L₁, Y, and W_p shown in the row following the code number, as set out in the following Table 2:

Table 2

Code	L ₁	Y	W _p
1A	C(O)	CH ₂	-CO ₂ Me
2A	CHOH	CH ₂	-CO ₂ Me
3A	C(Me)OH	CH ₂	-CO ₂ Me

4A	C(O)	CH(Me)	-CO ₂ Me
5A	CHOH	CH(Me)	-CO ₂ Me
6A	C(Me)OH	CH(Me)	-CO ₂ Me
7A	C(O)	CH ₂	-CO ₂ H
8A	CHOH	CH ₂	-CO ₂ H
9A	C(Me)OH	CH ₂	-CO ₂ H
10A	C(O)	CH(Me)	-CO ₂ H
11A	CHOH	CH(Me)	-CO ₂ H
12A	C(Me)OH	CH(Me)	-CO ₂ H
13A	C(O)	CH ₂	-C(O)NH ₂
14A	CHOH	CH ₂	-C(O)NH ₂
15A	C(Me)OH	CH ₂	-C(O)NH ₂
16A	C(O)	CH(Me)	-C(O)NH ₂
17A	CHOH	CH(Me)	-C(O)NH ₂
18A	C(Me)OH	CH(Me)	-C(O)NH ₂
19A	C(O)	CH ₂	-C(O)NMe ₂
20A	CHOH	CH ₂	-C(O)NMe ₂
21A	C(Me)OH	CH ₂	-C(O)NMe ₂
22A	C(O)	CH(Me)	-C(O)NMe ₂
23A	CHOH	CH(Me)	-C(O)NMe ₂
24A	C(Me)OH	CH(Me)	-C(O)NMe ₂
25A	C(O)	CH ₂	5-tetrazolyl
26A	CHOH	CH ₂	5-tetrazolyl
27A	C(Me)OH	CH ₂	5-tetrazolyl
28A	C(O)	CH(Me)	5-tetrazolyl
29A	CHOH	CH(Me)	5-tetrazolyl
30A	C(Me)OH	CH(Me)	5-tetrazolyl
31A	C(O)	CH ₂	-C(O)-NH-5-tetrazolyl
32A	CHOH	CH ₂	-C(O)-NH-5-tetrazolyl
33A	C(Me)OH	CH ₂	-C(O)-NH-5-tetrazolyl
34A	C(O)	CH(Me)	-C(O)-NH-5-tetrazolyl
35A	CHOH	CH(Me)	-C(O)-NH-5-tetrazolyl

36A	C(Me)OH	CH(Me)	-C(O)-NH-5-tetrazolyl
37A	C(O)	CH ₂	-C(O)NHCH ₂ SO ₂ Me
38A	CHOH	CH ₂	-C(O)NHCH ₂ SO ₂ Me
39A	C(Me)OH	CH ₂	-C(O)NHCH ₂ SO ₂ Me
40A	C(O)	CH(Me)	-C(O)NHCH ₂ SO ₂ Me
41A	CHOH	CH(Me)	-C(O)NHCH ₂ SO ₂ Me
42A	C(Me)OH	CH(Me)	-C(O)NHCH ₂ SO ₂ Me
43A	C(O)	CH ₂	-C(O)NHCH ₂ CH ₂ SO ₂ Me
44A	CHOH	CH ₂	-C(O)NHCH ₂ CH ₂ SO ₂ Me
45A	C(Me)OH	CH ₂	-C(O)NHCH ₂ CH ₂ SO ₂ Me
46A	C(O)	CH(Me)	-C(O)NHCH ₂ CH ₂ SO ₂ Me
47A	CHOH	CH(Me)	-C(O)NHCH ₂ CH ₂ SO ₂ Me
48A	C(Me)OH	CH(Me)	-C(O)NHCH ₂ CH ₂ SO ₂ Me
49A	C(O)	CH ₂	-C(O)NHSO ₂ Me
50A	CHOH	CH ₂	-C(O)NHSO ₂ Me
51A	C(Me)OH	CH ₂	-C(O)NHSO ₂ Me
52A	C(O)	CH(Me)	-C(O)NHSO ₂ Me
53A	CHOH	CH(Me)	-C(O)NHSO ₂ Me
54A	C(Me)OH	CH(Me)	-C(O)NHSO ₂ Me
55A	C(O)	CH ₂	-CH ₂ -C(O)NHSO ₂ Et
56A	CHOH	CH ₂	-CH ₂ -C(O)NHSO ₂ Et
57A	C(Me)OH	CH ₂	-CH ₂ -C(O)NHSO ₂ Et
58A	C(O)	CH(Me)	-CH ₂ -C(O)NHSO ₂ Et
59A	CHOH	CH(Me)	-CH ₂ -C(O)NHSO ₂ Et
60A	C(Me)OH	CH(Me)	-CH ₂ -C(O)NHSO ₂ Et
61A	C(O)	CH ₂	-CH ₂ -C(O)NHSO ₂ iPr
62A	CHOH	CH ₂	-CH ₂ -C(O)NHSO ₂ iPr
63A	C(Me)OH	CH ₂	-CH ₂ -C(O)NHSO ₂ iPr
64A	C(O)	CH(Me)	-CH ₂ -C(O)NHSO ₂ iPr
65A	CHOH	CH(Me)	-CH ₂ -C(O)NHSO ₂ iPr
66A	C(Me)OH	CH(Me)	-CH ₂ -C(O)NHSO ₂ iPr
67A	C(O)	CH ₂	-CH ₂ -C(O)NHSO ₂ tBu

68A	CHOH	CH ₂	-CH ₂ -C(O)NHSO ₂ tBu
69A	C(Me)OH	CH ₂	-CH ₂ -C(O)NHSO ₂ tBu
70A	C(O)	CH(Me)	-CH ₂ -C(O)NHSO ₂ tBu
71A	CHOH	CH(Me)	-CH ₂ -C(O)NHSO ₂ tBu
72A	C(Me)OH	CH(Me)	-CH ₂ -C(O)NHSO ₂ tBu
73A	C(O)	CH ₂	-CH ₂ NHSO ₂ Me
74A	CHOH	CH ₂	-CH ₂ NHSO ₂ Me
75A	C(Me)OH	CH ₂	-CH ₂ NHSO ₂ Me
76A	C(O)	CH(Me)	-CH ₂ NHSO ₂ Me
77A	CHOH	CH(Me)	-CH ₂ NHSO ₂ Me
78A	C(Me)OH	CH(Me)	-CH ₂ NHSO ₂ Me
79A	C(O)	CH ₂	-CH ₂ NHSO ₂ Et
80A	CHOH	CH ₂	-CH ₂ NHSO ₂ Et
81A	C(Me)OH	CH ₂	-CH ₂ NHSO ₂ Et
82A	C(O)	CH(Me)	-CH ₂ NHSO ₂ Et
83A	CHOH	CH(Me)	-CH ₂ NHSO ₂ Et
84A	C(Me)OH	CH(Me)	-CH ₂ NHSO ₂ Et
85A	C(O)	CH ₂	-CH ₂ NHSO ₂ iPr
86A	CHOH	CH ₂	-CH ₂ NHSO ₂ iPr
87A	C(Me)OH	CH ₂	-CH ₂ NHSO ₂ iPr
88A	C(O)	CH(Me)	-CH ₂ NHSO ₂ iPr
89A	CHOH	CH(Me)	-CH ₂ NHSO ₂ iPr
90A	C(Me)OH	CH(Me)	-CH ₂ NHSO ₂ iPr
91A	C(O)	CH ₂	-CH ₂ NHSO ₂ tBu
92A	CHOH	CH ₂	-CH ₂ NHSO ₂ tBu
93A	C(Me)OH	CH ₂	-CH ₂ NHSO ₂ tBu
94A	C(O)	CH(Me)	-CH ₂ NHSO ₂ tBu
95A	CHOH	CH(Me)	-CH ₂ NHSO ₂ tBu
96A	C(Me)OH	CH(Me)	-CH ₂ NHSO ₂ tBu
97A	C(O)	CH ₂	-CH ₂ -N-pyrrolidin-2-one
98A	CHOH	CH ₂	-CH ₂ -N-pyrrolidin-2-one
99A	C(Me)OH	CH ₂	-CH ₂ -N-pyrrolidin-2-one

100A	C(O)	CH(Me)	-CH ₂ -N-pyrrolidin-2-one
101A	CHOH	CH(Me)	-CH ₂ -N-pyrrolidin-2-one
102A	C(Me)OH	CH(Me)	-CH ₂ -N-pyrrolidin-2-one
103A	C(O)	CH ₂	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
104A	CHOH	CH ₂	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
105A	C(Me)OH	CH ₂	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
106A	C(O)	CH(Me)	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
107A	CHOH	CH(Me)	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
108A	C(Me)OH	CH(Me)	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
109A	C(O)	CH ₂	-CH ₂ CO ₂ Me
110A	CHOH	CH ₂	-CH ₂ CO ₂ Me
111A	C(Me)OH	CH ₂	-CH ₂ CO ₂ Me
112A	C(O)	CH(Me)	-CH ₂ CO ₂ Me
113A	CHOH	CH(Me)	-CH ₂ CO ₂ Me
114A	C(Me)OH	CH(Me)	-CH ₂ CO ₂ Me
115A	C(O)	CH ₂	-CH ₂ CO ₂ H
116A	CHOH	CH ₂	-CH ₂ CO ₂ H
117A	C(Me)OH	CH ₂	-CH ₂ CO ₂ H
118A	C(O)	CH(Me)	-CH ₂ CO ₂ H
119A	CHOH	CH(Me)	-CH ₂ CO ₂ H
120A	C(Me)OH	CH(Me)	-CH ₂ CO ₂ H
121A	C(O)	CH ₂	-CH ₂ C(O)NH ₂
122A	CHOH	CH ₂	-CH ₂ C(O)NH ₂
123A	C(Me)OH	CH ₂	-CH ₂ C(O)NH ₂
124A	C(O)	CH(Me)	-CH ₂ C(O)NH ₂
125A	CHOH	CH(Me)	-CH ₂ C(O)NH ₂
126A	C(Me)OH	CH(Me)	-CH ₂ C(O)NH ₂
127A	C(O)	CH ₂	-CH ₂ C(O)NMe ₂
128A	CHOH	CH ₂	-CH ₂ C(O)NMe ₂
129A	C(Me)OH	CH ₂	-CH ₂ C(O)NMe ₂
130A	C(O)	CH(Me)	-CH ₂ C(O)NMe ₂
131A	CHOH	CH(Me)	-CH ₂ C(O)NMe ₂

132A	C(Me)OH	CH(Me)	-CH ₂ C(O)NMe ₂
133A	C(O)	CH ₂	-CH ₂ C(O)-N-pyrrolidine
134A	CHOH	CH ₂	-CH ₂ C(O)-N-pyrrolidine
135A	C(Me)OH	CH ₂	-CH ₂ C(O)-N-pyrrolidine
136A	C(O)	CH(Me)	-CH ₂ C(O)-N-pyrrolidine
137A	CHOH	CH(Me)	-CH ₂ C(O)-N-pyrrolidine
138A	C(Me)OH	CH(Me)	-CH ₂ C(O)-N-pyrrolidine
139A	C(O)	CH ₂	-CH ₂ -5-tetrazolyl
140A	CHOH	CH ₂	-CH ₂ -5-tetrazolyl
141A	C(Me)OH	CH ₂	-CH ₂ -5-tetrazolyl
142A	C(O)	CH(Me)	-CH ₂ -5-tetrazolyl
143A	CHOH	CH(Me)	-CH ₂ -5-tetrazolyl
144A	C(Me)OH	CH(Me)	-CH ₂ -5-tetrazolyl
145A	C(O)	CH ₂	-C(O)C(O)OH
146A	CHOH	CH ₂	-C(O)C(O)OH
147A	C(Me)OH	CH ₂	-C(O)C(O)OH
148A	C(O)	CH(Me)	-C(O)C(O)OH
149A	CHOH	CH(Me)	-C(O)C(O)OH
150A	C(Me)OH	CH(Me)	-C(O)C(O)OH
151A	C(O)	CH ₂	-CH(OH)C(O)OH
152A	CHOH	CH ₂	-CH(OH)C(O)OH
153A	C(Me)OH	CH ₂	-CH(OH)C(O)OH
154A	C(O)	CH(Me)	-CH(OH)C(O)OH
155A	CHOH	CH(Me)	-CH(OH)C(O)OH
156A	C(Me)OH	CH(Me)	-CH(OH)C(O)OH
157A	C(O)	CH ₂	-C(O)C(O)NH ₂
158A	CHOH	CH ₂	-C(O)C(O)NH ₂
159A	C(Me)OH	CH ₂	-C(O)C(O)NH ₂
160A	C(O)	CH(Me)	-C(O)C(O)NH ₂
161A	CHOH	CH(Me)	-C(O)C(O)NH ₂
162A	C(Me)OH	CH(Me)	-C(O)C(O)NH ₂
163A	C(O)	CH ₂	-CH(OH)C(O)NH ₂

164A	CHOH	CH ₂	-CH(OH)C(O)NH ₂
165A	C(Me)OH	CH ₂	-CH(OH)C(O)NH ₂
166A	C(O)	CH(Me)	-CH(OH)C(O)NH ₂
167A	CHOH	CH(Me)	-CH(OH)C(O)NH ₂
168A	C(Me)OH	CH(Me)	-CH(OH)C(O)NH ₂
169A	C(O)	CH ₂	-C(O)C(O)NMe ₂
170A	CHOH	CH ₂	-C(O)C(O)NMe ₂
171A	C(Me)OH	CH ₂	-C(O)C(O)NMe ₂
172A	C(O)	CH(Me)	-C(O)C(O)NMe ₂
173A	CHOH	CH(Me)	-C(O)C(O)NMe ₂
174A	C(Me)OH	CH(Me)	-C(O)C(O)NMe ₂
175A	C(O)	CH ₂	-CH(OH)C(O)NMe ₂
176A	CHOH	CH ₂	-CH(OH)C(O)NMe ₂
177A	C(Me)OH	CH ₂	-CH(OH)C(O)NMe ₂
178A	C(O)	CH(Me)	-CH(OH)C(O)NMe ₂
179A	CHOH	CH(Me)	-CH(OH)C(O)NMe ₂
180A	C(Me)OH	CH(Me)	-CH(OH)C(O)NMe ₂
181A	C(O)	CH ₂	-CH ₂ CH ₂ CO ₂ H
182A	CHOH	CH ₂	-CH ₂ CH ₂ CO ₂ H
183A	C(Me)OH	CH ₂	-CH ₂ CH ₂ CO ₂ H
184A	C(O)	CH(Me)	-CH ₂ CH ₂ CO ₂ H
185A	CHOH	CH(Me)	-CH ₂ CH ₂ CO ₂ H
186A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ CO ₂ H
187A	C(O)	CH ₂	-CH ₂ CH ₂ C(O)NH ₂
188A	CHOH	CH ₂	-CH ₂ CH ₂ C(O)NH ₂
189A	C(Me)OH	CH ₂	-CH ₂ CH ₂ C(O)NH ₂
190A	C(O)	CH(Me)	-CH ₂ CH ₂ C(O)NH ₂
191A	CHOH	CH(Me)	-CH ₂ CH ₂ C(O)NH ₂
192A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ C(O)NH ₂
193A	C(O)	CH ₂	-CH ₂ CH ₂ C(O)NMe ₂
194A	CHOH	CH ₂	-CH ₂ CH ₂ C(O)NMe ₂
195A	C(Me)OH	CH ₂	-CH ₂ CH ₂ C(O)NMe ₂

196A	C(O)	CH(Me)	-CH ₂ CH ₂ C(O)NMe ₂
197A	CHOH	CH(Me)	-CH ₂ CH ₂ C(O)NMe ₂
198A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ C(O)NMe ₂
199A	C(O)	CH ₂	-CH ₂ CH ₂ -5-tetrazolyl
200A	CHOH	CH ₂	-CH ₂ CH ₂ -5-tetrazolyl
201A	C(Me)OH	CH ₂	-CH ₂ CH ₂ -5-tetrazolyl
202A	C(O)	CH(Me)	-CH ₂ CH ₂ -5-tetrazolyl
203A	CHOH	CH(Me)	-CH ₂ CH ₂ -5-tetrazolyl
204A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ -5-tetrazolyl
205A	C(O)	CH ₂	-OCH ₂ S(O) ₂ Me
206A	CHOH	CH ₂	-OCH ₂ S(O) ₂ Me
207A	C(Me)OH	CH ₂	-OCH ₂ S(O) ₂ Me
208A	C(O)	CH(Me)	-OCH ₂ S(O) ₂ Me
209A	CHOH	CH(Me)	-OCH ₂ S(O) ₂ Me
210A	C(Me)OH	CH(Me)	-OCH ₂ S(O) ₂ Me
211A	C(O)	CH ₂	-OCH ₂ CH ₂ S(O) ₂ Me
212A	CHOH	CH ₂	-OCH ₂ CH ₂ S(O) ₂ Me
213A	C(Me)OH	CH ₂	-OCH ₂ CH ₂ S(O) ₂ Me
214A	C(O)	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ Me
215A	CHOH	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ Me
216A	C(Me)OH	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ Me
217A	C(O)	CH ₂	-CH ₂ S(O) ₂ Me
218A	CHOH	CH ₂	-CH ₂ S(O) ₂ Me
219A	C(Me)OH	CH ₂	-CH ₂ S(O) ₂ Me
220A	C(O)	CH(Me)	-CH ₂ S(O) ₂ Me
221A	CHOH	CH(Me)	-CH ₂ S(O) ₂ Me
222A	C(Me)OH	CH(Me)	-CH ₂ S(O) ₂ Me
223A	C(O)	CH ₂	-CH ₂ CH ₂ S(O) ₂ Me
224A	CHOH	CH ₂	-CH ₂ CH ₂ S(O) ₂ Me
225A	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O) ₂ Me
226A	C(O)	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Me
227A	CHOH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Me

228A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Me
229A	C(O)	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
230A	CHOH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
231A	C(Me)OH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
232A	C(O)	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
233A	CHOH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
234A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
235A	C(O)	CH ₂	-OCH ₂ S(O) ₂ Et
236A	CHOH	CH ₂	-OCH ₂ S(O) ₂ Et
237A	C(Me)OH	CH ₂	-OCH ₂ S(O) ₂ Et
238A	C(O)	CH(Me)	-OCH ₂ S(O) ₂ Et
239A	CHOH	CH(Me)	-OCH ₂ S(O) ₂ Et
240A	C(Me)OH	CH(Me)	-OCH ₂ S(O) ₂ Et
241A	C(O)	CH ₂	-OCH ₂ CH ₂ S(O) ₂ Et
242A	CHOH	CH ₂	-OCH ₂ CH ₂ S(O) ₂ Et
243A	C(Me)OH	CH ₂	-OCH ₂ CH ₂ S(O) ₂ Et
244A	C(O)	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ Et
245A	CHOH	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ Et
246A	C(Me)OH	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ Et
247A	C(O)	CH ₂	-CH ₂ S(O) ₂ Et
248A	CHOH	CH ₂	-CH ₂ S(O) ₂ Et
249A	C(Me)OH	CH ₂	-CH ₂ S(O) ₂ Et
250A	C(O)	CH(Me)	-CH ₂ S(O) ₂ Et
251A	CHOH	CH(Me)	-CH ₂ S(O) ₂ Et
252A	C(Me)OH	CH(Me)	-CH ₂ S(O) ₂ Et
253A	C(O)	CH ₂	-CH ₂ CH ₂ S(O) ₂ Et
254A	CHOH	CH ₂	-CH ₂ CH ₂ S(O) ₂ Et
255A	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O) ₂ Et
256A	C(O)	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Et
257A	CHOH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Et
258A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ Et
259A	C(O)	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et

260A	CHOH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
261A	C(Me)OH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
262A	C(O)	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
263A	CHOH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
264A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
265A	C(O)	CH ₂	-OCH ₂ S(O) ₂ iPr
266A	CHOH	CH ₂	-OCH ₂ S(O) ₂ iPr
267A	C(Me)OH	CH ₂	-OCH ₂ S(O) ₂ iPr
268A	C(O)	CH(Me)	-OCH ₂ S(O) ₂ iPr
269A	CHOH	CH(Me)	-OCH ₂ S(O) ₂ iPr
270A	C(Me)OH	CH(Me)	-OCH ₂ S(O) ₂ iPr
271A	C(O)	CH ₂	-CH ₂ S(O) ₂ iPr
272A	CHOH	CH ₂	-CH ₂ S(O) ₂ iPr
273A	C(Me)OH	CH ₂	-CH ₂ S(O) ₂ iPr
274A	C(O)	CH(Me)	-CH ₂ S(O) ₂ iPr
275A	CHOH	CH(Me)	-CH ₂ S(O) ₂ iPr
276A	C(Me)OH	CH(Me)	-CH ₂ S(O) ₂ iPr
277A	C(O)	CH ₂	-CH ₂ CH ₂ S(O) ₂ iPr
278A	CHOH	CH ₂	-CH ₂ CH ₂ S(O) ₂ iPr
279A	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O) ₂ iPr
280A	C(O)	CH(Me)	-CH ₂ CH ₂ S(O) ₂ iPr
281A	CHOH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ iPr
282A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ iPr
283A	C(O)	CH ₂	-OCH ₂ S(O) ₂ tBu
284A	CHOH	CH ₂	-OCH ₂ S(O) ₂ tBu
285A	C(Me)OH	CH ₂	-OCH ₂ S(O) ₂ tBu
286A	C(O)	CH(Me)	-OCH ₂ S(O) ₂ tBu
287A	CHOH	CH(Me)	-OCH ₂ S(O) ₂ tBu
288A	C(Me)OH	CH(Me)	-OCH ₂ S(O) ₂ tBu
289A	C(O)	CH ₂	-CH ₂ S(O) ₂ tBu
290A	CHOH	CH ₂	-CH ₂ S(O) ₂ tBu
291A	C(Me)OH	CH ₂	-CH ₂ S(O) ₂ tBu

292A	C(O)	CH(Me)	-CH ₂ S(O)2tBu
293A	CHOH	CH(Me)	-CH ₂ S(O)2tBu
294A	C(Me)OH	CH(Me)	-CH ₂ S(O)2tBu
295A	C(O)	CH ₂	-CH ₂ CH ₂ S(O)2tBu
296A	CHOH	CH ₂	-CH ₂ CH ₂ S(O)2tBu
297A	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O)2tBu
298A	C(O)	CH(Me)	-CH ₂ CH ₂ S(O)2tBu
299A	CHOH	CH(Me)	-CH ₂ CH ₂ S(O)2tBu
300A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O)2tBu
301A	C(O)	CH ₂	-OCH ₂ S(O)2NH ₂
302A	CHOH	CH ₂	-OCH ₂ S(O)2NH ₂
303A	C(Me)OH	CH ₂	-OCH ₂ S(O)2NH ₂
304A	C(O)	CH(Me)	-OCH ₂ S(O)2NH ₂
305A	CHOH	CH(Me)	-OCH ₂ S(O)2NH ₂
306A	C(Me)OH	CH(Me)	-OCH ₂ S(O)2NH ₂
307A	C(O)	CH ₂	-OCH ₂ S(O)2NMe ₂
308A	CHOH	CH ₂	-OCH ₂ S(O)2NMe ₂
309A	C(Me)OH	CH ₂	-OCH ₂ S(O)2NMe ₂
310A	C(O)	CH(Me)	-OCH ₂ S(O)2NMe ₂
311A	CHOH	CH(Me)	-OCH ₂ S(O)2NMe ₂
312A	C(Me)OH	CH(Me)	-OCH ₂ S(O)2NMe ₂
313A	C(O)	CH ₂	-CH ₂ CH ₂ S(O)2NH ₂
314A	CHOH	CH ₂	-CH ₂ CH ₂ S(O)2NH ₂
315A	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O)2NH ₂
316A	C(O)	CH(Me)	-CH ₂ CH ₂ S(O)2NH ₂
317A	CHOH	CH(Me)	-CH ₂ CH ₂ S(O)2NH ₂
318A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O)2NH ₂
319A	C(O)	CH ₂	-CH ₂ CH ₂ S(O)2NMe ₂
320A	CHOH	CH ₂	-CH ₂ CH ₂ S(O)2NMe ₂
321A	C(Me)OH	CH ₂	-CH ₂ CH ₂ S(O)2NMe ₂
322A	C(O)	CH(Me)	-CH ₂ CH ₂ S(O)2NMe ₂
323A	CHOH	CH(Me)	-CH ₂ CH ₂ S(O)2NMe ₂

324A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ S(O) ₂ NMe ₂
325A	C(O)	CH ₂	-C(O)CH ₂ S(O) ₂ Me
326A	CHOH	CH ₂	-C(O)CH ₂ S(O) ₂ Me
327A	C(Me)OH	CH ₂	-C(O)CH ₂ S(O) ₂ Me
328A	C(O)	CH(Me)	-C(O)CH ₂ S(O) ₂ Me
329A	CHOH	CH(Me)	-C(O)CH ₂ S(O) ₂ Me
330A	C(Me)OH	CH(Me)	-C(O)CH ₂ S(O) ₂ Me
331A	C(O)	CH ₂	-C(O)CH ₂ CH ₂ S(O) ₂ Me
332A	CHOH	CH ₂	-C(O)CH ₂ CH ₂ S(O) ₂ Me
333A	C(Me)OH	CH ₂	-C(O)CH ₂ CH ₂ S(O) ₂ Me
334A	C(O)	CH(Me)	-C(O)CH ₂ CH ₂ S(O) ₂ Me
335A	CHOH	CH(Me)	-C(O)CH ₂ CH ₂ S(O) ₂ Me
336A	C(Me)OH	CH(Me)	-C(O)CH ₂ CH ₂ S(O) ₂ Me
337A	C(O)	CH ₂	-OCH ₂ CH ₂ S(O) ₂ NH ₂
338A	CHOH	CH ₂	-OCH ₂ CH ₂ S(O) ₂ NH ₂
339A	C(Me)OH	CH ₂	-OCH ₂ CH ₂ S(O) ₂ NH ₂
340A	C(O)	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ NH ₂
341A	CHOH	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ NH ₂
342A	C(Me)OH	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ NH ₂
343A	C(O)	CH ₂	-OCH ₂ CH ₂ S(O) ₂ NMe ₂
344A	CHOH	CH ₂	-OCH ₂ CH ₂ S(O) ₂ NMe ₂
345A	C(Me)OH	CH ₂	-OCH ₂ CH ₂ S(O) ₂ NMe ₂
346A	C(O)	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ NMe ₂
347A	CHOH	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ NMe ₂
348A	C(Me)OH	CH(Me)	-OCH ₂ CH ₂ S(O) ₂ NMe ₂
349A	C(O)	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
350A	CHOH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
351A	C(Me)OH	CH ₂	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
352A	C(O)	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
353A	CHOH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
354A	C(Me)OH	CH(Me)	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
355A	C(O)	CH ₂	-S(O) ₂ Me

356A	CHOH	CH ₂	-S(O) ₂ Me
357A	C(Me)OH	CH ₂	-S(O) ₂ Me
358A	C(O)	CH(Me)	-S(O) ₂ Me
359A	CHOH	CH(Me)	-S(O) ₂ Me
360A	C(Me)OH	CH(Me)	-S(O) ₂ Me
361A	C(O)	CH ₂	-S(O) ₂ Et
362A	CHOH	CH ₂	-S(O) ₂ Et
363A	C(Me)OH	CH ₂	-S(O) ₂ Et
364A	C(O)	CH(Me)	-S(O) ₂ Et
365A	CHOH	CH(Me)	-S(O) ₂ Et
366A	C(Me)OH	CH(Me)	-S(O) ₂ Et
367A	C(O)	CH ₂	-S(O) ₂ iPr
368A	CHOH	CH ₂	-S(O) ₂ iPr
369A	C(Me)OH	CH ₂	-S(O) ₂ iPr
370A	C(O)	CH(Me)	-S(O) ₂ iPr
371A	CHOH	CH(Me)	-S(O) ₂ iPr
372A	C(Me)OH	CH(Me)	-S(O) ₂ iPr
373A	C(O)	CH ₂	-S(O) ₂ tBu
374A	CHOH	CH ₂	-S(O) ₂ tBu
375A	C(Me)OH	CH ₂	-S(O) ₂ tBu
376A	C(O)	CH(Me)	-S(O) ₂ tBu
377A	CHOH	CH(Me)	-S(O) ₂ tBu
378A	C(Me)OH	CH(Me)	-S(O) ₂ tBu
379A	C(O)	CH ₂	-OCH ₂ CO ₂ H
380A	CHOH	CH ₂	-OCH ₂ CO ₂ H
381A	C(Me)OH	CH ₂	-OCH ₂ CO ₂ H
382A	C(O)	CH(Me)	-OCH ₂ CO ₂ H
383A	CHOH	CH(Me)	-OCH ₂ CO ₂ H
384A	C(Me)OH	CH(Me)	-OCH ₂ CO ₂ H
385A	C(O)	CH ₂	-OCH ₂ -5-tetrazolyl
386A	CHOH	CH ₂	-OCH ₂ -5-tetrazolyl
387A	C(Me)OH	CH ₂	-OCH ₂ -5-tetrazolyl

388A	C(O)	CH(Me)	-OCH ₂ -5-tetrazolyl
389A	CHOH	CH(Me)	-OCH ₂ -5-tetrazolyl
390A	C(Me)OH	CH(Me)	-OCH ₂ -5-tetrazolyl
391A	C(O)	CH ₂	-S(O) ₂ NH ₂
392A	CHOH	CH ₂	-S(O) ₂ NH ₂
393A	C(Me)OH	CH ₂	-S(O) ₂ NH ₂
394A	C(O)	CH(Me)	-S(O) ₂ NH ₂
395A	CHOH	CH(Me)	-S(O) ₂ NH ₂
396A	C(Me)OH	CH(Me)	-S(O) ₂ NH ₂
397A	C(O)	CH ₂	-S(O) ₂ NMe ₂
398A	CHOH	CH ₂	-S(O) ₂ NMe ₂
399A	C(Me)OH	CH ₂	-S(O) ₂ NMe ₂
400A	C(O)	CH(Me)	-S(O) ₂ NMe ₂
401A	CHOH	CH(Me)	-S(O) ₂ NMe ₂
402A	C(Me)OH	CH(Me)	-S(O) ₂ NMe ₂
403A	C(O)	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Me
404A	CHOH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Me
405A	C(Me)OH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Me
406A	C(O)	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Me
407A	CHOH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Me
408A	C(Me)OH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Me
409A	C(O)	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Et
410A	CHOH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Et
411A	C(Me)OH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ Et
412A	C(O)	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Et
413A	CHOH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Et
414A	C(Me)OH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ Et
415A	C(O)	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ iPr
416A	CHOH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ iPr
417A	C(Me)OH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ iPr
418A	C(O)	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ iPr
419A	CHOH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ iPr

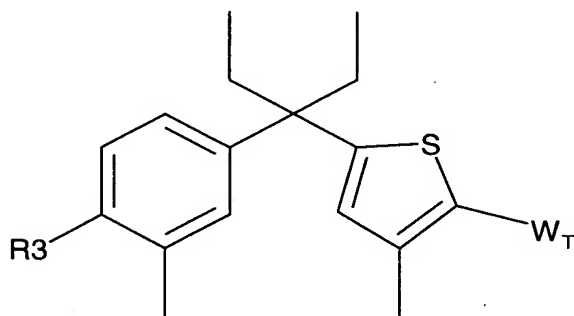
420A	C(Me)OH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ iPr
421A	C(O)	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ tBu
422A	CHOH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ tBu
423A	C(Me)OH	CH ₂	-S(O) ₂ CH ₂ S(O) ₂ tBu
424A	C(O)	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ tBu
425A	CHOH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ tBu
426A	C(Me)OH	CH(Me)	-S(O) ₂ CH ₂ S(O) ₂ tBu
427A	C(O)	CH ₂	-NHS(O) ₂ Me
428A	CHOH	CH ₂	-NHS(O) ₂ Me
429A	C(Me)OH	CH ₂	-NHS(O) ₂ Me
430A	C(O)	CH(Me)	-NHS(O) ₂ Me
431A	CHOH	CH(Me)	-NHS(O) ₂ Me
432A	C(Me)OH	CH(Me)	-NHS(O) ₂ Me
433A	C(O)	CH ₂	-NHS(O) ₂ Et
434A	CHOH	CH ₂	-NHS(O) ₂ Et
435A	C(Me)OH	CH ₂	-NHS(O) ₂ Et
436A	C(O)	CH(Me)	-NHS(O) ₂ Et
437A	CHOH	CH(Me)	-NHS(O) ₂ Et
438A	C(Me)OH	CH(Me)	-NHS(O) ₂ Et
439A	C(O)	CH ₂	-NHS(O) ₂ iPr
440A	CHOH	CH ₂	-NHS(O) ₂ iPr
441A	C(Me)OH	CH ₂	-NHS(O) ₂ iPr
442A	C(O)	CH(Me)	-NHS(O) ₂ iPr
443A	CHOH	CH(Me)	-NHS(O) ₂ iPr
444A	C(Me)OH	CH(Me)	-NHS(O) ₂ iPr
445A	C(O)	CH ₂	-NHS(O) ₂ tBu
446A	CHOH	CH ₂	-NHS(O) ₂ tBu
447A	C(Me)OH	CH ₂	-NHS(O) ₂ tBu
448A	C(O)	CH(Me)	-NHS(O) ₂ tBu
449A	CHOH	CH(Me)	-NHS(O) ₂ tBu
450A	C(Me)OH	CH(Me)	-NHS(O) ₂ tBu
451A	C(O)	CH ₂	-OS(O) ₂ Me

452A	CHOH	CH ₂	-OS(O) ₂ Me
453A	C(Me)OH	CH ₂	-OS(O) ₂ Me
454A	C(O)	CH(Me)	-OS(O) ₂ Me
455A	CHOH	CH(Me)	-OS(O) ₂ Me
456A	C(Me)OH	CH(Me)	-OS(O) ₂ Me
457A	C(O)	CH ₂	-OS(O) ₂ Et
458A	CHOH	CH ₂	-OS(O) ₂ Et
459A	C(Me)OH	CH ₂	-OS(O) ₂ Et
460A	C(O)	CH(Me)	-OS(O) ₂ Et
461A	CHOH	CH(Me)	-OS(O) ₂ Et
462A	C(Me)OH	CH(Me)	-OS(O) ₂ Et
463A	C(O)	CH ₂	-OS(O) ₂ iPr
464A	CHOH	CH ₂	-OS(O) ₂ iPr
465A	C(Me)OH	CH ₂	-OS(O) ₂ iPr
466A	C(O)	CH(Me)	-OS(O) ₂ iPr
467A	CHOH	CH(Me)	-OS(O) ₂ iPr
468A	C(Me)OH	CH(Me)	-OS(O) ₂ iPr
469A	C(O)	CH ₂	-OS(O) ₂ tBu
470A	CHOH	CH ₂	-OS(O) ₂ tBu
471A	C(Me)OH	CH ₂	-OS(O) ₂ tBu
472A	C(O)	CH(Me)	-OS(O) ₂ tBu
473A	CHOH	CH(Me)	-OS(O) ₂ tBu
474A	C(Me)OH	CH(Me)	-OS(O) ₂ tBu
475A	C(O)	CH ₂	-NHC(O)NMe ₂
476A	CHOH	CH ₂	-NHC(O)NMe ₂
477A	C(Me)OH	CH ₂	-NHC(O)NMe ₂
478A	C(O)	CH(Me)	-NHC(O)NMe ₂
479A	CHOH	CH(Me)	-NHC(O)NMe ₂
480A	C(Me)OH	CH(Me)	-NHC(O)NMe ₂
481A	C(O)	CH ₂	-NHC(S)NMe ₂
482A	CHOH	CH ₂	-NHC(S)NMe ₂
483A	C(Me)OH	CH ₂	-NHC(S)NMe ₂

484A	C(O)	CH(Me)	-NHC(S)NMe ₂
485A	CHOH	CH(Me)	-NHC(S)NMe ₂
486A	C(Me)OH	CH(Me)	-NHC(S)NMe ₂
487A	C(O)	CH ₂	-OC(O)NMe ₂
488A	CHOH	CH ₂	-OC(O)NMe ₂
489A	C(Me)OH	CH ₂	-OC(O)NMe ₂
490A	C(O)	CH(Me)	-OC(O)NMe ₂
491A	CHOH	CH(Me)	-OC(O)NMe ₂
492A	C(Me)OH	CH(Me)	-OC(O)NMe ₂
493A	C(O)	CH ₂	-OC(S)NMe ₂
494A	CHOH	CH ₂	-OC(S)NMe ₂
495A	C(Me)OH	CH ₂	-OC(S)NMe ₂
496A	C(O)	CH(Me)	-OC(S)NMe ₂
497A	CHOH	CH(Me)	-OC(S)NMe ₂
498A	C(Me)OH	CH(Me)	-OC(S)NMe ₂
499A	C(O)	CH ₂	-NHS(O) ₂ NMe ₂
500A	CHOH	CH ₂	-NHS(O) ₂ NMe ₂
501A	C(Me)OH	CH ₂	-NHS(O) ₂ NMe ₂
502A	C(O)	CH(Me)	-NHS(O) ₂ NMe ₂
503A	CHOH	CH(Me)	-NHS(O) ₂ NMe ₂
504A	C(Me)OH	CH(Me)	-NHS(O) ₂ NMe ₂
505A	C(O)	CH ₂	-C(O)NHCH ₂ CO ₂ H
506A	CHOH	CH ₂	-C(O)NHCH ₂ CO ₂ H
507A	C(Me)OH	CH ₂	-C(O)NHCH ₂ CO ₂ H
508A	C(O)	CH(Me)	-C(O)NHCH ₂ CO ₂ H
509A	CHOH	CH(Me)	-C(O)NHCH ₂ CO ₂ H
510A	C(Me)OH	CH(Me)	-C(O)NHCH ₂ CO ₂ H
511A	C(O)	CH ₂	-SO ₂ NHCH ₂ CO ₂ H
512A	CHOH	CH ₂	-SO ₂ NHCH ₂ CO ₂ H
513A	C(Me)OH	CH ₂	-SO ₂ NHCH ₂ CO ₂ H
514A	C(O)	CH(Me)	-SO ₂ NHCH ₂ CO ₂ H
515A	CHOH	CH(Me)	-SO ₂ NHCH ₂ CO ₂ H

516A	C(Me)OH	CH(Me)	-SO ₂ NHCH ₂ CO ₂ H
517A	C(O)	CH ₂	-CH ₂ -S-Me
518A	CHOH	CH ₂	-CH ₂ -S-Me
519A	C(Me)OH	CH ₂	-CH ₂ -S-Me
520A	C(O)	CH(Me)	-CH ₂ -S-Me
521A	CHOH	CH(Me)	-CH ₂ -S-Me
522A	C(Me)OH	CH(Me)	-CH ₂ -S-Me

9. (Currently amended) A method of claim 1 for treating a mammal to prevent or alleviate the effect of Mustard by administering a pharmaceutically effective amount of a compound or pharmaceutically acceptable salt thereof represented by the formula:



wherein said compound is selected from a compound code numbered 1B thru 516B, with each compound having the specific selection of groups R₃, and W_T shown in the row following the code number, as set out in the following Table 3:

Table 3

Code	R ₃	W _T
1B	3Me3OH-Pentyl	-CO ₂ Me
2B	3Me3OH-Pentenyl	-CO ₂ Me
3B	3Me3OH-Pentynyl	-CO ₂ Me
4B	3Et3OH-Pentyl	-CO ₂ Me
5B	3Et3OH-Pentenyl	-CO ₂ Me
6B	3Et3OH-Pentynyl	-CO ₂ Me

7B	3Me3OH-Pentyl	-CO ₂ H
8B	3Me3OH-Pentenyl	-CO ₂ H
9B	3Me3OH-Pentynyl	-CO ₂ H
10B	3Et3OH-Pentyl	-CO ₂ H
11B	3Et3OH-Pentenyl	-CO ₂ H
12B	3Et3OH-Pentynyl	-CO ₂ H
13B	3Me3OH-Pentyl	-C(O)NH ₂
14B	3Me3OH-Pentenyl	-C(O)NH ₂
15B	3Me3OH-Pentynyl	-C(O)NH ₂
16B	3Et3OH-Pentyl	-C(O)NH ₂
17B	3Et3OH-Pentenyl	-C(O)NH ₂
18B	3Et3OH-Pentynyl	-C(O)NH ₂
19B	3Me3OH-Pentyl	-C(O)NMe ₂
20B	3Me3OH-Pentenyl	-C(O)NMe ₂
21B	3Me3OH-Pentynyl	-C(O)NMe ₂
22B	3Et3OH-Pentyl	-C(O)NMe ₂
23B	3Et3OH-Pentenyl	-C(O)NMe ₂
24B	3Et3OH-Pentynyl	-C(O)NMe ₂
25B	3Me3OH-Pentyl	5-tetrazolyl
26B	3Me3OH-Pentenyl	5-tetrazolyl
27B	3Me3OH-Pentynyl	5-tetrazolyl
28B	3Et3OH-Pentyl	5-tetrazolyl
29B	3Et3OH-Pentenyl	5-tetrazolyl
30B	3Et3OH-Pentynyl	5-tetrazolyl
31B	3Me3OH-Pentyl	-C(O)-NH-5-tetrazolyl
32B	3Me3OH-Pentenyl	-C(O)-NH-5-tetrazolyl
33B	3Me3OH-Pentynyl	-C(O)-NH-5-tetrazolyl
34B	3Et3OH-Pentyl	-C(O)-NH-5-tetrazolyl
35B	3Et3OH-Pentenyl	-C(O)-NH-5-tetrazolyl
36B	3Et3OH-Pentynyl	-C(O)-NH-5-tetrazolyl
37B	3Me3OH-Pentyl	-C(O)NHCH ₂ SO ₂ Me
38B	3Me3OH-Pentenyl	-C(O)NHCH ₂ SO ₂ Me

39B	3Me3OH-Pentynyl	-C(O)NHCH ₂ SO ₂ Me
40B	3Et3OH-Pentyl	-C(O)NHCH ₂ SO ₂ Me
41B	3Et3OH-Pentenyl	-C(O)NHCH ₂ SO ₂ Me
42B	3Et3OH-Pentynyl	-C(O)NHCH ₂ SO ₂ Me
43B	3Me3OH-Pentyl	-C(O)NHCH ₂ CH ₂ SO ₂ Me
44B	3Me3OH-Pentenyl	-C(O)NHCH ₂ CH ₂ SO ₂ Me
45B	3Me3OH-Pentynyl	-C(O)NHCH ₂ CH ₂ SO ₂ Me
46B	3Et3OH-Pentyl	-C(O)NHCH ₂ CH ₂ SO ₂ Me
47B	3Et3OH-Pentenyl	-C(O)NHCH ₂ CH ₂ SO ₂ Me
48B	3Et3OH-Pentynyl	-C(O)NHCH ₂ CH ₂ SO ₂ Me
49B	3Me3OH-Pentyl	-C(O)NHSO ₂ Me
50B	3Me3OH-Pentenyl	-C(O)NHSO ₂ Me
51B	3Me3OH-Pentynyl	-C(O)NHSO ₂ Me
52B	3Et3OH-Pentyl	-C(O)NHSO ₂ Me
53B	3Et3OH-Pentenyl	-C(O)NHSO ₂ Me
54B	3Et3OH-Pentynyl	-C(O)NHSO ₂ Me
55B	3Me3OH-Pentyl	-CH ₂ -C(O)NHSO ₂ Et
56B	3Me3OH-Pentenyl	-CH ₂ -C(O)NHSO ₂ Et
57B	3Me3OH-Pentynyl	-CH ₂ -C(O)NHSO ₂ Et
58B	3Et3OH-Pentyl	-CH ₂ -C(O)NHSO ₂ Et
59B	3Et3OH-Pentenyl	-CH ₂ -C(O)NHSO ₂ Et
60B	3Et3OH-Pentynyl	-CH ₂ -C(O)NHSO ₂ Et
61B	3Me3OH-Pentyl	-CH ₂ -C(O)NHSO ₂ iPr
62B	3Me3OH-Pentenyl	-CH ₂ -C(O)NHSO ₂ iPr
63B	3Me3OH-Pentynyl	-CH ₂ -C(O)NHSO ₂ iPr
64B	3Et3OH-Pentyl	-CH ₂ -C(O)NHSO ₂ iPr
65B	3Et3OH-Pentenyl	-CH ₂ -C(O)NHSO ₂ iPr
66B	3Et3OH-Pentynyl	-CH ₂ -C(O)NHSO ₂ iPr
67B	3Me3OH-Pentyl	-CH ₂ -C(O)NHSO ₂ tBu
68B	3Me3OH-Pentenyl	-CH ₂ -C(O)NHSO ₂ tBu
69B	3Me3OH-Pentynyl	-CH ₂ -C(O)NHSO ₂ tBu
70B	3Et3OH-Pentyl	-CH ₂ -C(O)NHSO ₂ tBu

71B	3Et3OH-Pentenyl	-CH ₂ -C(O)NHSO ₂ tBu
72B	3Et3OH-Pentynyl	-CH ₂ -C(O)NHSO ₂ tBu
73B	3Me3OH-Pentyl	-CH ₂ NHSO ₂ Me
74B	3Me3OH-Pentenyl	-CH ₂ NHSO ₂ Me
75B	3Me3OH-Pentynyl	-CH ₂ NHSO ₂ Me
76B	3Et3OH-Pentyl	-CH ₂ NHSO ₂ Me
77B	3Et3OH-Pentenyl	-CH ₂ NHSO ₂ Me
78B	3Et3OH-Pentynyl	-CH ₂ NHSO ₂ Me
79B	3Me3OH-Pentyl	-CH ₂ NHSO ₂ Et
80B	3Me3OH-Pentenyl	-CH ₂ NHSO ₂ Et
81B	3Me3OH-Pentynyl	-CH ₂ NHSO ₂ Et
82B	3Et3OH-Pentyl	-CH ₂ NHSO ₂ Et
83B	3Et3OH-Pentenyl	-CH ₂ NHSO ₂ Et
84B	3Et3OH-Pentynyl	-CH ₂ NHSO ₂ Et
85B	3Me3OH-Pentyl	-CH ₂ NHSO ₂ iPr
86B	3Me3OH-Pentenyl	-CH ₂ NHSO ₂ iPr
87B	3Me3OH-Pentynyl	-CH ₂ NHSO ₂ iPr
88B	3Et3OH-Pentyl	-CH ₂ NHSO ₂ iPr
89B	3Et3OH-Pentenyl	-CH ₂ NHSO ₂ iPr
90B	3Et3OH-Pentynyl	-CH ₂ NHSO ₂ iPr
91B	3Me3OH-Pentyl	-CH ₂ NHSO ₂ tBu
92B	3Me3OH-Pentenyl	-CH ₂ NHSO ₂ tBu
93B	3Me3OH-Pentynyl	-CH ₂ NHSO ₂ tBu
94B	3Et3OH-Pentyl	-CH ₂ NHSO ₂ tBu
95B	3Et3OH-Pentenyl	-CH ₂ NHSO ₂ tBu
96B	3Et3OH-Pentynyl	-CH ₂ NHSO ₂ tBu
97B	3Me3OH-Pentyl	-CH ₂ -N-pyrrolidin-2-one
98B	3Me3OH-Pentenyl	-CH ₂ -N-pyrrolidin-2-one
99B	3Me3OH-Pentynyl	-CH ₂ -N-pyrrolidin-2-one
100B	3Et3OH-Pentyl	-CH ₂ -N-pyrrolidin-2-one
101B	3Et3OH-Pentenyl	-CH ₂ -N-pyrrolidin-2-one
102B	3Et3OH-Pentynyl	-CH ₂ -N-pyrrolidin-2-one

103B	3Me3OH-Pentyl	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
104B	3Me3OH-Pentenyl	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
105B	3Me3OH-Pentynyl	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
106B	3Et3OH-Pentyl	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
107B	3Et3OH-Pentenyl	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
108B	3Et3OH-Pentynyl	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
109B	3Me3OH-Pentyl	-CH ₂ CO ₂ Me
110B	3Me3OH-Pentenyl	-CH ₂ CO ₂ Me
111B	3Me3OH-Pentynyl	-CH ₂ CO ₂ Me
112B	3Et3OH-Pentyl	-CH ₂ CO ₂ Me
113B	3Et3OH-Pentenyl	-CH ₂ CO ₂ Me
114B	3Et3OH-Pentynyl	-CH ₂ CO ₂ Me
115B	3Me3OH-Pentyl	-CH ₂ CO ₂ H
116B	3Me3OH-Pentenyl	-CH ₂ CO ₂ H
117B	3Me3OH-Pentynyl	-CH ₂ CO ₂ H
118B	3Et3OH-Pentyl	-CH ₂ CO ₂ H
119B	3Et3OH-Pentenyl	-CH ₂ CO ₂ H
120B	3Et3OH-Pentynyl	-CH ₂ CO ₂ H
121B	3Me3OH-Pentyl	-CH ₂ C(O)NH ₂
122B	3Me3OH-Pentenyl	-CH ₂ C(O)NH ₂
123B	3Me3OH-Pentynyl	-CH ₂ C(O)NH ₂
124B	3Et3OH-Pentyl	-CH ₂ C(O)NH ₂
125B	3Et3OH-Pentenyl	-CH ₂ C(O)NH ₂
126B	3Et3OH-Pentynyl	-CH ₂ C(O)NH ₂
127B	3Me3OH-Pentyl	-CH ₂ C(O)NMe ₂
128B	3Me3OH-Pentenyl	-CH ₂ C(O)NMe ₂
129B	3Me3OH-Pentynyl	-CH ₂ C(O)NMe ₂
130B	3Et3OH-Pentyl	-CH ₂ C(O)NMe ₂
131B	3Et3OH-Pentenyl	-CH ₂ C(O)NMe ₂
132B	3Et3OH-Pentynyl	-CH ₂ C(O)NMe ₂
133B	3Me3OH-Pentyl	-CH ₂ C(O)-N-pyrrolidine
134B	3Me3OH-Pentenyl	-CH ₂ C(O)-N-pyrrolidine

135B	3Me3OH-Pentynyl	-CH ₂ C(O)-N-pyrrolidine
136B	3Et3OH-Pentyl	-CH ₂ C(O)-N-pyrrolidine
137B	3Et3OH-Pentenyl	-CH ₂ C(O)-N-pyrrolidine
138B	3Et3OH-Pentynyl	-CH ₂ C(O)-N-pyrrolidine
139B	3Me3OH-Pentyl	-CH ₂ -5-tetrazolyl
140B	3Me3OH-Pentenyl	-CH ₂ -5-tetrazolyl
141B	3Me3OH-Pentynyl	-CH ₂ -5-tetrazolyl
142B	3Et3OH-Pentyl	-CH ₂ -5-tetrazolyl
143B	3Et3OH-Pentenyl	-CH ₂ -5-tetrazolyl
144B	3Et3OH-Pentynyl	-CH ₂ -5-tetrazolyl
145B	3Me3OH-Pentyl	-C(O)C(O)OH
146B	3Me3OH-Pentenyl	-C(O)C(O)OH
147B	3Me3OH-Pentynyl	-C(O)C(O)OH
148B	3Et3OH-Pentyl	-C(O)C(O)OH
149B	3Et3OH-Pentenyl	-C(O)C(O)OH
150B	3Et3OH-Pentynyl	-C(O)C(O)OH
151B	3Me3OH-Pentyl	-CH(OH)C(O)OH
152B	3Me3OH-Pentenyl	-CH(OH)C(O)OH
153B	3Me3OH-Pentynyl	-CH(OH)C(O)OH
154B	3Et3OH-Pentyl	-CH(OH)C(O)OH
155B	3Et3OH-Pentenyl	-CH(OH)C(O)OH
156B	3Et3OH-Pentynyl	-CH(OH)C(O)OH
157B	3Me3OH-Pentyl	-C(O)C(O)NH ₂
158B	3Me3OH-Pentenyl	-C(O)C(O)NH ₂
159B	3Me3OH-Pentynyl	-C(O)C(O)NH ₂
160B	3Et3OH-Pentyl	-C(O)C(O)NH ₂
161B	3Et3OH-Pentenyl	-C(O)C(O)NH ₂
162B	3Et3OH-Pentynyl	-C(O)C(O)NH ₂
163B	3Me3OH-Pentyl	-CH(OH)C(O)NH ₂
164B	3Me3OH-Pentenyl	-CH(OH)C(O)NH ₂
165B	3Me3OH-Pentynyl	-CH(OH)C(O)NH ₂
166B	3Et3OH-Pentyl	-CH(OH)C(O)NH ₂

167B	3Et3OH-Pentenyl	-CH(OH)C(O)NH ₂
168B	3Et3OH-Pentynyl	-CH(OH)C(O)NH ₂
169B	3Me3OH-Pentyl	-C(O)C(O)NMe ₂
170B	3Me3OH-Pentenyl	-C(O)C(O)NMe ₂
171B	3Me3OH-Pentynyl	-C(O)C(O)NMe ₂
172B	3Et3OH-Pentyl	-C(O)C(O)NMe ₂
173B	3Et3OH-Pentenyl	-C(O)C(O)NMe ₂
174B	3Et3OH-Pentynyl	-C(O)C(O)NMe ₂
175B	3Me3OH-Pentyl	-CH(OH)C(O)NMe ₂
176B	3Me3OH-Pentenyl	-CH(OH)C(O)NMe ₂
177B	3Me3OH-Pentynyl	-CH(OH)C(O)NMe ₂
178B	3Et3OH-Pentyl	-CH(OH)C(O)NMe ₂
179B	3Et3OH-Pentenyl	-CH(OH)C(O)NMe ₂
180B	3Et3OH-Pentynyl	-CH(OH)C(O)NMe ₂
181B	3Me3OH-Pentyl	-CH ₂ CH ₂ CO ₂ H
182B	3Me3OH-Pentenyl	-CH ₂ CH ₂ CO ₂ H
183B	3Me3OH-Pentynyl	-CH ₂ CH ₂ CO ₂ H
184B	3Et3OH-Pentyl	-CH ₂ CH ₂ CO ₂ H
185B	3Et3OH-Pentenyl	-CH ₂ CH ₂ CO ₂ H
186B	3Et3OH-Pentynyl	-CH ₂ CH ₂ CO ₂ H
187B	3Me3OH-Pentyl	-CH ₂ CH ₂ C(O)NH ₂
188B	3Me3OH-Pentenyl	-CH ₂ CH ₂ C(O)NH ₂
189B	3Me3OH-Pentynyl	-CH ₂ CH ₂ C(O)NH ₂
190B	3Et3OH-Pentyl	-CH ₂ CH ₂ C(O)NH ₂
191B	3Et3OH-Pentenyl	-CH ₂ CH ₂ C(O)NH ₂
192B	3Et3OH-Pentynyl	-CH ₂ CH ₂ C(O)NH ₂
193B	3Me3OH-Pentyl	-CH ₂ CH ₂ C(O)NMe ₂
194B	3Me3OH-Pentenyl	-CH ₂ CH ₂ C(O)NMe ₂
195B	3Me3OH-Pentynyl	-CH ₂ CH ₂ C(O)NMe ₂
196B	3Et3OH-Pentyl	-CH ₂ CH ₂ C(O)NMe ₂
197B	3Et3OH-Pentenyl	-CH ₂ CH ₂ C(O)NMe ₂
198B	3Et3OH-Pentynyl	-CH ₂ CH ₂ C(O)NMe ₂

199B	3Me3OH-Pentyl	-CH ₂ CH ₂ -5-tetrazolyl
200B	3Me3OH-Pentenyl	-CH ₂ CH ₂ -5-tetrazolyl
201B	3Me3OH-Pentynyl	-CH ₂ CH ₂ -5-tetrazolyl
202B	3Et3OH-Pentyl	-CH ₂ CH ₂ -5-tetrazolyl
203B	3Et3OH-Pentenyl	-CH ₂ CH ₂ -5-tetrazolyl
204B	3Et3OH-Pentynyl	-CH ₂ CH ₂ -5-tetrazolyl
205B	3Me3OH-Pentyl	-CH ₂ S(O) ₂ Me
206B	3Me3OH-Pentenyl	-CH ₂ S(O) ₂ Me
207B	3Me3OH-Pentynyl	-CH ₂ S(O) ₂ Me
208B	3Et3OH-Pentyl	-CH ₂ S(O) ₂ Me
209B	3Et3OH-Pentenyl	-CH ₂ S(O) ₂ Me
210B	3Et3OH-Pentynyl	-CH ₂ S(O) ₂ Me
211B	3Me3OH-Pentyl	-CH ₂ CH ₂ S(O) ₂ Me
212B	3Me3OH-Pentenyl	-CH ₂ CH ₂ S(O) ₂ Me
213B	3Me3OH-Pentynyl	-CH ₂ CH ₂ S(O) ₂ Me
214B	3Et3OH-Pentyl	-CH ₂ CH ₂ S(O) ₂ Me
215B	3Et3OH-Pentenyl	-CH ₂ CH ₂ S(O) ₂ Me
216B	3Et3OH-Pentynyl	-CH ₂ CH ₂ S(O) ₂ Me
217B	3Me3OH-Pentyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
218B	3Me3OH-Pentenyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
219B	3Me3OH-Pentynyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
220B	3Et3OH-Pentyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
221B	3Et3OH-Pentenyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
222B	3Et3OH-Pentynyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
223B	3Me3OH-Pentyl	-CH ₂ S(O) ₂ Et
224B	3Me3OH-Pentenyl	-CH ₂ S(O) ₂ Et
225B	3Me3OH-Pentynyl	-CH ₂ S(O) ₂ Et
226B	3Et3OH-Pentyl	-CH ₂ S(O) ₂ Et
227B	3Et3OH-Pentenyl	-CH ₂ S(O) ₂ Et
228B	3Et3OH-Pentynyl	-CH ₂ S(O) ₂ Et
229B	3Me3OH-Pentyl	-CH ₂ CH ₂ S(O) ₂ Et
230B	3Me3OH-Pentenyl	-CH ₂ CH ₂ S(O) ₂ Et

231B	3Me3OH-Pentynyl	-CH ₂ CH ₂ S(O) ₂ Et
232B	3Et3OH-Pentyl	-CH ₂ CH ₂ S(O) ₂ Et
233B	3Et3OH-Pentenyl	-CH ₂ CH ₂ S(O) ₂ Et
234B	3Et3OH-Pentynyl	-CH ₂ CH ₂ S(O) ₂ Et
235B	3Me3OH-Pentyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
236B	3Me3OH-Pentenyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
237B	3Me3OH-Pentynyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
238B	3Et3OH-Pentyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
239B	3Et3OH-Pentenyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
240B	3Et3OH-Pentynyl	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
241B	3Me3OH-Pentyl	-CH ₂ S(O) ₂ iPr
242B	3Me3OH-Pentenyl	-CH ₂ S(O) ₂ iPr
243B	3Me3OH-Pentynyl	-CH ₂ S(O) ₂ iPr
244B	3Et3OH-Pentyl	-CH ₂ S(O) ₂ iPr
245B	3Et3OH-Pentenyl	-CH ₂ S(O) ₂ iPr
246B	3Et3OH-Pentynyl	-CH ₂ S(O) ₂ iPr
247B	3Me3OH-Pentyl	-CH ₂ CH ₂ S(O) ₂ iPr
248B	3Me3OH-Pentenyl	-CH ₂ CH ₂ S(O) ₂ iPr
249B	3Me3OH-Pentynyl	-CH ₂ CH ₂ S(O) ₂ iPr
250B	3Et3OH-Pentyl	-CH ₂ CH ₂ S(O) ₂ iPr
251B	3Et3OH-Pentenyl	-CH ₂ CH ₂ S(O) ₂ iPr
252B	3Et3OH-Pentynyl	-CH ₂ CH ₂ S(O) ₂ iPr
253B	3Me3OH-Pentyl	-CH ₂ S(O) ₂ tBu
254B	3Me3OH-Pentenyl	-CH ₂ S(O) ₂ tBu
255B	3Me3OH-Pentynyl	-CH ₂ S(O) ₂ tBu
256B	3Et3OH-Pentyl	-CH ₂ S(O) ₂ tBu
257B	3Et3OH-Pentenyl	-CH ₂ S(O) ₂ tBu
258B	3Et3OH-Pentynyl	-CH ₂ S(O) ₂ tBu
259B	3Me3OH-Pentyl	-CH ₂ CH ₂ S(O) ₂ tBu
260B	3Me3OH-Pentenyl	-CH ₂ CH ₂ S(O) ₂ tBu
261B	3Me3OH-Pentynyl	-CH ₂ CH ₂ S(O) ₂ tBu
262B	3Et3OH-Pentyl	-CH ₂ CH ₂ S(O) ₂ tBu

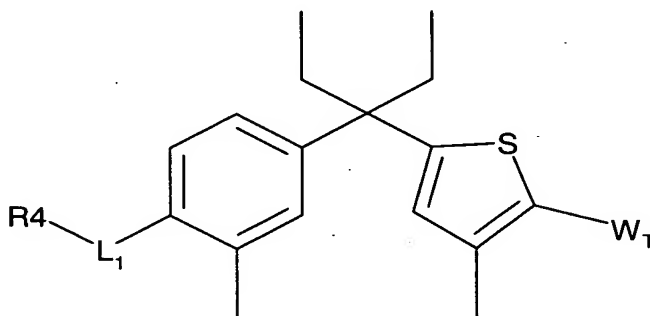
263B	3Et3OH-Pentenyl	-CH ₂ CH ₂ S(O)2tBu
264B	3Et3OH-Pentynyl	-CH ₂ CH ₂ S(O)2tBu
265B	3Me3OH-Pentyl	-CH ₂ CH ₂ S(O)2NH ₂
266B	3Me3OH-Pentenyl	-CH ₂ CH ₂ S(O)2NH ₂
267B	3Me3OH-Pentynyl	-CH ₂ CH ₂ S(O)2NH ₂
268B	3Et3OH-Pentyl	-CH ₂ CH ₂ S(O)2NH ₂
269B	3Et3OH-Pentenyl	-CH ₂ CH ₂ S(O)2NH ₂
270B	3Et3OH-Pentynyl	-CH ₂ CH ₂ S(O)2NH ₂
271B	3Me3OH-Pentyl	-CH ₂ CH ₂ S(O)2NMe ₂
272B	3Me3OH-Pentenyl	-CH ₂ CH ₂ S(O)2NMe ₂
273B	3Me3OH-Pentynyl	-CH ₂ CH ₂ S(O)2NMe ₂
274B	3Et3OH-Pentyl	-CH ₂ CH ₂ S(O)2NMe ₂
275B	3Et3OH-Pentenyl	-CH ₂ CH ₂ S(O)2NMe ₂
276B	3Et3OH-Pentynyl	-CH ₂ CH ₂ S(O)2NMe ₂
277B	3Me3OH-Pentyl	-C(O)CH ₂ S(O)2Me
278B	3Me3OH-Pentenyl	-C(O)CH ₂ S(O)2Me
279B	3Me3OH-Pentynyl	-C(O)CH ₂ S(O)2Me
280B	3Et3OH-Pentyl	-C(O)CH ₂ S(O)2Me
281B	3Et3OH-Pentenyl	-C(O)CH ₂ S(O)2Me
282B	3Et3OH-Pentynyl	-C(O)CH ₂ S(O)2Me
283B	3Me3OH-Pentyl	-C(O)CH ₂ CH ₂ S(O)2Me
284B	3Me3OH-Pentenyl	-C(O)CH ₂ CH ₂ S(O)2Me
285B	3Me3OH-Pentynyl	-C(O)CH ₂ CH ₂ S(O)2Me
286B	3Et3OH-Pentyl	-C(O)CH ₂ CH ₂ S(O)2Me
287B	3Et3OH-Pentenyl	-C(O)CH ₂ CH ₂ S(O)2Me
288B	3Et3OH-Pentynyl	-C(O)CH ₂ CH ₂ S(O)2Me
289B	3Me3OH-Pentyl	-CH ₂ CH ₂ CH ₂ S(O)2NH ₂
290B	3Me3OH-Pentenyl	-CH ₂ CH ₂ CH ₂ S(O)2NH ₂
291B	3Me3OH-Pentynyl	-CH ₂ CH ₂ CH ₂ S(O)2NH ₂
292B	3Et3OH-Pentyl	-CH ₂ CH ₂ CH ₂ S(O)2NH ₂
293B	3Et3OH-Pentenyl	-CH ₂ CH ₂ CH ₂ S(O)2NH ₂
294B	3Et3OH-Pentynyl	-CH ₂ CH ₂ CH ₂ S(O)2NH ₂

295B	3Me3OH-Pentyl	-S(O)2Me
296B	3Me3OH-Pentenyl	-S(O)2Me
297B	3Me3OH-Pentynyl	-S(O)2Me
298B	3Et3OH-Pentyl	-S(O)2Me
299B	3Et3OH-Pentenyl	-S(O)2Me
300B	3Et3OH-Pentynyl	-S(O)2Me
301B	3Me3OH-Pentyl	-S(O)2Et
302B	3Me3OH-Pentenyl	-S(O)2Et
303B	3Me3OH-Pentynyl	-S(O)2Et
304B	3Et3OH-Pentyl	-S(O)2Et
305B	3Et3OH-Pentenyl	-S(O)2Et
306B	3Et3OH-Pentynyl	-S(O)2Et
307B	3Me3OH-Pentyl	-S(O)2iPr
308B	3Me3OH-Pentenyl	-S(O)2iPr
309B	3Me3OH-Pentynyl	-S(O)2iPr
310B	3Et3OH-Pentyl	-S(O)2iPr
311B	3Et3OH-Pentenyl	-S(O)2iPr
312B	3Et3OH-Pentynyl	-S(O)2iPr
313B	3Me3OH-Pentyl	-S(O)2tBu
314B	3Me3OH-Pentenyl	-S(O)2tBu
315B	3Me3OH-Pentynyl	-S(O)2tBu
316B	3Et3OH-Pentyl	-S(O)2tBu
317B	3Et3OH-Pentenyl	-S(O)2tBu
318B	3Et3OH-Pentynyl	-S(O)2tBu
319B	3Me3OH-Pentyl	-S(O)2NH2
320B	3Me3OH-Pentenyl	-S(O)2NH2
321B	3Me3OH-Pentynyl	-S(O)2NH2
322B	3Et3OH-Pentyl	-S(O)2NH2
323B	3Et3OH-Pentenyl	-S(O)2NH2
324B	3Et3OH-Pentynyl	-S(O)2NH2
325B	3Me3OH-Pentyl	-S(O)2NMe2
326B	3Me3OH-Pentenyl	-S(O)2NMe2

327B	3Me3OH-Pentynyl	-S(O)2NMe2
328B	3Et3OH-Pentyl	-S(O)2NMe2
329B	3Et3OH-Pentenyl	-S(O)2NMe2
330B	3Et3OH-Pentynyl	-S(O)2NMe2
331B	3Me3OH-Pentyl	-S(O)2CH2S(O)2Me
332B	3Me3OH-Pentenyl	-S(O)2CH2S(O)2Me
333B	3Me3OH-Pentynyl	-S(O)2CH2S(O)2Me
334B	3Et3OH-Pentyl	-S(O)2CH2S(O)2Me
335B	3Et3OH-Pentenyl	-S(O)2CH2S(O)2Me
336B	3Et3OH-Pentynyl	-S(O)2CH2S(O)2Me
337B	3Me3OH-Pentyl	-S(O)2CH2S(O)2Et
338B	3Me3OH-Pentenyl	-S(O)2CH2S(O)2Et
339B	3Me3OH-Pentynyl	-S(O)2CH2S(O)2Et
340B	3Et3OH-Pentyl	-S(O)2CH2S(O)2Et
341B	3Et3OH-Pentenyl	-S(O)2CH2S(O)2Et
342B	3Et3OH-Pentynyl	-S(O)2CH2S(O)2Et
343B	3Me3OH-Pentyl	-S(O)2CH2S(O)2iPr
344B	3Me3OH-Pentenyl	-S(O)2CH2S(O)2iPr
345B	3Me3OH-Pentynyl	-S(O)2CH2S(O)2iPr
346B	3Et3OH-Pentyl	-S(O)2CH2S(O)2iPr
347B	3Et3OH-Pentenyl	-S(O)2CH2S(O)2iPr
348B	3Et3OH-Pentynyl	-S(O)2CH2S(O)2iPr
349B	3Me3OH-Pentyl	-S(O)2CH2S(O)2tBu
350B	3Me3OH-Pentenyl	-S(O)2CH2S(O)2tBu
351B	3Me3OH-Pentynyl	-S(O)2CH2S(O)2tBu
352B	3Et3OH-Pentyl	-S(O)2CH2S(O)2tBu
353B	3Et3OH-Pentenyl	-S(O)2CH2S(O)2tBu
354B	3Et3OH-Pentynyl	-S(O)2CH2S(O)2tBu
355B	3Me3OH-Pentyl	-C(O)NHCH2CO2H
356B	3Me3OH-Pentenyl	-C(O)NHCH2CO2H
357B	3Me3OH-Pentynyl	-C(O)NHCH2CO2H
358B	3Et3OH-Pentyl	-C(O)NHCH2CO2H

359B	3Et3OH-Pentenyl	-C(O)NHCH ₂ CO ₂ H
360B	3Et3OH-Pentynyl	-C(O)NHCH ₂ CO ₂ H
361B	3Me3OH-Pentyl	-SO ₂ NHCH ₂ CO ₂ H
362B	3Me3OH-Pentenyl	-SO ₂ NHCH ₂ CO ₂ H
363B	3Me3OH-Pentynyl	-SO ₂ NHCH ₂ CO ₂ H
364B	3Et3OH-Pentyl	-SO ₂ NHCH ₂ CO ₂ H
365B	3Et3OH-Pentenyl	-SO ₂ NHCH ₂ CO ₂ H
366B	3Et3OH-Pentynyl	-SO ₂ NHCH ₂ CO ₂ H
367B	3Me3OH-Pentyl	-CH ₂ -S-Me
368B	3Me3OH-Pentenyl	-CH ₂ -S-Me
369B	3Me3OH-Pentynyl	-CH ₂ -S-Me
370B	3Et3OH-Pentyl	-CH ₂ -S-Me
371B	3Et3OH-Pentenyl	-CH ₂ -S-Me
372B	3Et3OH-Pentynyl	-CH ₂ -S-Me

10. (Currently amended) A method of claim 1 for treating a mammal to prevent or alleviate the effect of Mustard by administering a pharmaceutically effective amount of a compound or a pharmaceutically acceptable salt thereof represented by the formula:



wherein said compound is selected from a compound code numbered 1C thru 516C, with each compound having the specific selection of groups R₄, L₁, and W_T shown in the row following the code number, as set out in the following Table 4:

Table 4

Code	R ₄	L ₁	W _T
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1C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CO ₂ Me
2C	1-hydroxycyclopentyl	-C≡C-	-CO ₂ Me
3C	1-hydroxycyclopentyl	-C=C-	-CO ₂ Me
4C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CO ₂ Me
5C	1-hydroxycyclohexyl	-C≡C-	-CO ₂ Me
6C	1-hydroxycyclohexyl	-C=C-	-CO ₂ Me
7C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CO ₂ H
8C	1-hydroxycyclopentyl	-C≡C-	-CO ₂ H
9C	1-hydroxycyclopentyl	-C=C-	-CO ₂ H
10C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CO ₂ H
11C	1-hydroxycyclohexyl	-C≡C-	-CO ₂ H
12C	1-hydroxycyclohexyl	-C=C-	-CO ₂ H
13C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)NH ₂
14C	1-hydroxycyclopentyl	-C≡C-	-C(O)NH ₂
15C	1-hydroxycyclopentyl	-C=C-	-C(O)NH ₂
16C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)NH ₂
17C	1-hydroxycyclohexyl	-C≡C-	-C(O)NH ₂
18C	1-hydroxycyclohexyl	-C=C-	-C(O)NH ₂
19C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)NMe ₂
20C	1-hydroxycyclopentyl	-C≡C-	-C(O)NMe ₂
21C	1-hydroxycyclopentyl	-C=C-	-C(O)NMe ₂
22C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)NMe ₂
23C	1-hydroxycyclohexyl	-C≡C-	-C(O)NMe ₂
24C	1-hydroxycyclohexyl	-C=C-	-C(O)NMe ₂
25C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	5-tetrazolyl
26C	1-hydroxycyclopentyl	-C≡C-	5-tetrazolyl
27C	1-hydroxycyclopentyl	-C=C-	5-tetrazolyl
28C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	5-tetrazolyl
29C	1-hydroxycyclohexyl	-C≡C-	5-tetrazolyl
30C	1-hydroxycyclohexyl	-C=C-	5-tetrazolyl
31C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)-NH-5-tetrazolyl
32C	1-hydroxycyclopentyl	-C≡C-	-C(O)-NH-5-tetrazolyl

33C	1-hydroxycyclopentyl	-C=C-	-C(O)-NH-5-tetrazolyl
34C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)-NH-5-tetrazolyl
35C	1-hydroxycyclohexyl	-C≡C-	-C(O)-NH-5-tetrazolyl
36C	1-hydroxycyclohexyl	-C=C-	-C(O)-NH-5-tetrazolyl
37C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)NHCH ₂ SO ₂ Me
38C	1-hydroxycyclopentyl	-C≡C-	-C(O)NHCH ₂ SO ₂ Me
39C	1-hydroxycyclopentyl	-C=C-	-C(O)NHCH ₂ SO ₂ Me
40C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)NHCH ₂ SO ₂ Me
41C	1-hydroxycyclohexyl	-C≡C-	-C(O)NHCH ₂ SO ₂ Me
42C	1-hydroxycyclohexyl	-C=C-	-C(O)NHCH ₂ SO ₂ Me
43C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)NHCH ₂ CH ₂ SO ₂ Me
44C	1-hydroxycyclopentyl	-C≡C-	-C(O)NHCH ₂ CH ₂ SO ₂ Me
45C	1-hydroxycyclopentyl	-C=C-	-C(O)NHCH ₂ CH ₂ SO ₂ Me
46C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)NHCH ₂ CH ₂ SO ₂ Me
47C	1-hydroxycyclohexyl	-C≡C-	-C(O)NHCH ₂ CH ₂ SO ₂ Me
48C	1-hydroxycyclohexyl	-C=C-	-C(O)NHCH ₂ CH ₂ SO ₂ Me
49C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)NH SO ₂ Me
50C	1-hydroxycyclopentyl	-C≡C-	-C(O)NH SO ₂ Me
51C	1-hydroxycyclopentyl	-C=C-	-C(O)NH SO ₂ Me
52C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)NH SO ₂ Me
53C	1-hydroxycyclohexyl	-C≡C-	-C(O)NH SO ₂ Me
54C	1-hydroxycyclohexyl	-C=C-	-C(O)NH SO ₂ Me
55C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ -C(O)NH SO ₂ Et
56C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ -C(O)NH SO ₂ Et
57C	1-hydroxycyclopentyl	-C=C-	-CH ₂ -C(O)NH SO ₂ Et
58C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ -C(O)NH SO ₂ Et
59C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ -C(O)NH SO ₂ Et
60C	1-hydroxycyclohexyl	-C=C-	-CH ₂ -C(O)NH SO ₂ Et
61C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ -C(O)NH SO ₂ iPr
62C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ -C(O)NH SO ₂ iPr
63C	1-hydroxycyclopentyl	-C=C-	-CH ₂ -C(O)NH SO ₂ iPr
64C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ -C(O)NH SO ₂ iPr

65C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ -C(O)NHSO ₂ iPr
66C	1-hydroxycyclohexyl	-C=C-	-CH ₂ -C(O)NHSO ₂ iPr
67C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ -C(O)NHSO ₂ tBu
68C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ -C(O)NHSO ₂ tBu
69C	1-hydroxycyclopentyl	-C=C-	-CH ₂ -C(O)NHSO ₂ tBu
70C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ -C(O)NHSO ₂ tBu
71C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ -C(O)NHSO ₂ tBu
72C	1-hydroxycyclohexyl	-C=C-	-CH ₂ -C(O)NHSO ₂ tBu
73C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ NHSO ₂ Me
74C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ NHSO ₂ Me
75C	1-hydroxycyclopentyl	-C=C-	-CH ₂ NHSO ₂ Me
76C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ NHSO ₂ Me
77C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ NHSO ₂ Me
78C	1-hydroxycyclohexyl	-C=C-	-CH ₂ NHSO ₂ Me
79C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ NHSO ₂ Et
80C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ NHSO ₂ Et
81C	1-hydroxycyclopentyl	-C=C-	-CH ₂ NHSO ₂ Et
82C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ NHSO ₂ Et
83C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ NHSO ₂ Et
84C	1-hydroxycyclohexyl	-C=C-	-CH ₂ NHSO ₂ Et
85C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ NHSO ₂ iPr
86C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ NHSO ₂ iPr
87C	1-hydroxycyclopentyl	-C=C-	-CH ₂ NHSO ₂ iPr
88C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ NHSO ₂ iPr
89C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ NHSO ₂ iPr
90C	1-hydroxycyclohexyl	-C=C-	-CH ₂ NHSO ₂ iPr
91C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ NHSO ₂ tBu
92C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ NHSO ₂ tBu
93C	1-hydroxycyclopentyl	-C=C-	-CH ₂ NHSO ₂ tBu
94C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ NHSO ₂ tBu
95C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ NHSO ₂ tBu
96C	1-hydroxycyclohexyl	-C=C-	-CH ₂ NHSO ₂ tBu

97C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ -N-pyrrolidin-2-one
98C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ -N-pyrrolidin-2-one
99C	1-hydroxycyclopentyl	-C=C-	-CH ₂ -N-pyrrolidin-2-one
100C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ -N-pyrrolidin-2-one
101C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ -N-pyrrolidin-2-one
102C	1-hydroxycyclohexyl	-C=C-	-CH ₂ -N-pyrrolidin-2-one
103C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
104C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
105C	1-hydroxycyclopentyl	-C=C-	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
106C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
107C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
108C	1-hydroxycyclohexyl	-C=C-	-CH ₂ -(1-methylpyrrolidin-2-one-3-yl)
109C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CO ₂ Me
110C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CO ₂ Me
111C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CO ₂ Me
112C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CO ₂ Me
113C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CO ₂ Me
114C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CO ₂ Me
115C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CO ₂ H
116C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CO ₂ H
117C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CO ₂ H
118C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CO ₂ H
119C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CO ₂ H
120C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CO ₂ H
121C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ C(O)NH ₂
122C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ C(O)NH ₂

123C	1-hydroxycyclopentyl	-C=C-	-CH ₂ C(O)NH ₂
124C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ C(O)NH ₂
125C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ C(O)NH ₂
126C	1-hydroxycyclohexyl	-C=C-	-CH ₂ C(O)NH ₂
127C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ C(O)NMe ₂
128C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ C(O)NMe ₂
129C	1-hydroxycyclopentyl	-C=C-	-CH ₂ C(O)NMe ₂
130C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ C(O)NMe ₂
131C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ C(O)NMe ₂
132C	1-hydroxycyclohexyl	-C=C-	-CH ₂ C(O)NMe ₂
133C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ C(O)-N-pyrrolidine
134C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ C(O)-N-pyrrolidine
135C	1-hydroxycyclopentyl	-C=C-	-CH ₂ C(O)-N-pyrrolidine
136C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ C(O)-N-pyrrolidine
137C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ C(O)-N-pyrrolidine
138C	1-hydroxycyclohexyl	-C=C-	-CH ₂ C(O)-N-pyrrolidine
139C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ -5-tetrazolyl
140C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ -5-tetrazolyl
141C	1-hydroxycyclopentyl	-C=C-	-CH ₂ -5-tetrazolyl
142C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ -5-tetrazolyl
143C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ -5-tetrazolyl
144C	1-hydroxycyclohexyl	-C=C-	-CH ₂ -5-tetrazolyl
145C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)C(O)OH
146C	1-hydroxycyclopentyl	-C≡C-	-C(O)C(O)OH
147C	1-hydroxycyclopentyl	-C=C-	-C(O)C(O)OH
148C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)C(O)OH
149C	1-hydroxycyclohexyl	-C≡C-	-C(O)C(O)OH
150C	1-hydroxycyclohexyl	-C=C-	-C(O)C(O)OH
151C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH(OH)C(O)OH
152C	1-hydroxycyclopentyl	-C≡C-	-CH(OH)C(O)OH
153C	1-hydroxycyclopentyl	-C=C-	-CH(OH)C(O)OH
154C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH(OH)C(O)OH

155C	1-hydroxycyclohexyl	-C≡C-	-CH(OH)C(O)OH
156C	1-hydroxycyclohexyl	-C=C-	-CH(OH)C(O)OH
157C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)C(O)NH ₂
158C	1-hydroxycyclopentyl	-C≡C-	-C(O)C(O)NH ₂
159C	1-hydroxycyclopentyl	-C=C-	-C(O)C(O)NH ₂
160C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)C(O)NH ₂
161C	1-hydroxycyclohexyl	-C≡C-	-C(O)C(O)NH ₂
162C	1-hydroxycyclohexyl	-C=C-	-C(O)C(O)NH ₂
163C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH(OH)C(O)NH ₂
164C	1-hydroxycyclopentyl	-C≡C-	-CH(OH)C(O)NH ₂
165C	1-hydroxycyclopentyl	-C=C-	-CH(OH)C(O)NH ₂
166C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH(OH)C(O)NH ₂
167C	1-hydroxycyclohexyl	-C≡C-	-CH(OH)C(O)NH ₂
168C	1-hydroxycyclohexyl	-C=C-	-CH(OH)C(O)NH ₂
169C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)C(O)NMe ₂
170C	1-hydroxycyclopentyl	-C≡C-	-C(O)C(O)NMe ₂
171C	1-hydroxycyclopentyl	-C=C-	-C(O)C(O)NMe ₂
172C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)C(O)NMe ₂
173C	1-hydroxycyclohexyl	-C≡C-	-C(O)C(O)NMe ₂
174C	1-hydroxycyclohexyl	-C=C-	-C(O)C(O)NMe ₂
175C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH(OH)C(O)NMe ₂
176C	1-hydroxycyclopentyl	-C≡C-	-CH(OH)C(O)NMe ₂
177C	1-hydroxycyclopentyl	-C=C-	-CH(OH)C(O)NMe ₂
178C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH(OH)C(O)NMe ₂
179C	1-hydroxycyclohexyl	-C≡C-	-CH(OH)C(O)NMe ₂
180C	1-hydroxycyclohexyl	-C=C-	-CH(OH)C(O)NMe ₂
181C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ CO ₂ H
182C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ CO ₂ H
183C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ CO ₂ H
184C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ CO ₂ H
185C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ CO ₂ H
186C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ CO ₂ H

187C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ C(O)NH ₂
188C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ C(O)NH ₂
189C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ C(O)NH ₂
190C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ C(O)NH ₂
191C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ C(O)NH ₂
192C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ C(O)NH ₂
193C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ C(O)NMe ₂
194C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ C(O)NMe ₂
195C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ C(O)NMe ₂
196C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ C(O)NMe ₂
197C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ C(O)NMe ₂
198C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ C(O)NMe ₂
199C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ -5-tetrazolyl
200C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ -5-tetrazolyl
201C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ -5-tetrazolyl
202C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ -5-tetrazolyl
203C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ -5-tetrazolyl
204C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ -5-tetrazolyl
205C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ S(O) ₂ Me
206C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ S(O) ₂ Me
207C	1-hydroxycyclopentyl	-C=C-	-CH ₂ S(O) ₂ Me
208C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ S(O) ₂ Me
209C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ S(O) ₂ Me
210C	1-hydroxycyclohexyl	-C=C-	-CH ₂ S(O) ₂ Me
211C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ Me
212C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ Me
213C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ Me
214C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ Me
215C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ Me
216C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ Me
217C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
218C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me

219C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
220C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
221C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
222C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ Me
223C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ S(O) ₂ Et
224C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ S(O) ₂ Et
225C	1-hydroxycyclopentyl	-C=C-	-CH ₂ S(O) ₂ Et
226C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ S(O) ₂ Et
227C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ S(O) ₂ Et
228C	1-hydroxycyclohexyl	-C=C-	-CH ₂ S(O) ₂ Et
229C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ Et
230C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ Et
231C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ Et
232C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ Et
233C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ Et
234C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ Et
235C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
236C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
237C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
238C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
239C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
240C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ Et
241C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ S(O) ₂ iPr
242C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ S(O) ₂ iPr
243C	1-hydroxycyclopentyl	-C=C-	-CH ₂ S(O) ₂ iPr
244C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ S(O) ₂ iPr
245C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ S(O) ₂ iPr
246C	1-hydroxycyclohexyl	-C=C-	-CH ₂ S(O) ₂ iPr
247C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ iPr
248C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ iPr
249C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ iPr
250C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ iPr

251C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ iPr
252C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ iPr
253C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ S(O) ₂ tBu
254C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ S(O) ₂ tBu
255C	1-hydroxycyclopentyl	-C=C-	-CH ₂ S(O) ₂ tBu
256C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ S(O) ₂ tBu
257C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ S(O) ₂ tBu
258C	1-hydroxycyclohexyl	-C=C-	-CH ₂ S(O) ₂ tBu
259C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ tBu
260C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ tBu
261C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ tBu
262C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ tBu
263C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ tBu
264C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ tBu
265C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ NH ₂
266C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ NH ₂
267C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ NH ₂
268C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ NH ₂
269C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ NH ₂
270C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ NH ₂
271C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ NMe ₂
272C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ NMe ₂
273C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ NMe ₂
274C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ S(O) ₂ NMe ₂
275C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ S(O) ₂ NMe ₂
276C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ S(O) ₂ NMe ₂
277C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)CH ₂ S(O) ₂ Me
278C	1-hydroxycyclopentyl	-C≡C-	-C(O)CH ₂ S(O) ₂ Me
279C	1-hydroxycyclopentyl	-C=C-	-C(O)CH ₂ S(O) ₂ Me
280C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)CH ₂ S(O) ₂ Me
281C	1-hydroxycyclohexyl	-C≡C-	-C(O)CH ₂ S(O) ₂ Me
282C	1-hydroxycyclohexyl	-C=C-	-C(O)CH ₂ S(O) ₂ Me

283C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)CH ₂ CH ₂ S(O) ₂ Me
284C	1-hydroxycyclopentyl	-C≡C-	-C(O)CH ₂ CH ₂ S(O) ₂ Me
285C	1-hydroxycyclopentyl	-C=C-	-C(O)CH ₂ CH ₂ S(O) ₂ Me
286C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)CH ₂ CH ₂ S(O) ₂ Me
287C	1-hydroxycyclohexyl	-C≡C-	-C(O)CH ₂ CH ₂ S(O) ₂ Me
288C	1-hydroxycyclohexyl	-C=C-	-C(O)CH ₂ CH ₂ S(O) ₂ Me
289C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
290C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
291C	1-hydroxycyclopentyl	-C=C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
292C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
293C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
294C	1-hydroxycyclohexyl	-C=C-	-CH ₂ CH ₂ CH ₂ S(O) ₂ NH ₂
295C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-S(O) ₂ Me
296C	1-hydroxycyclopentyl	-C≡C-	-S(O) ₂ Me
297C	1-hydroxycyclopentyl	-C=C-	-S(O) ₂ Me
298C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-S(O) ₂ Me
299C	1-hydroxycyclohexyl	-C≡C-	-S(O) ₂ Me
300C	1-hydroxycyclohexyl	-C=C-	-S(O) ₂ Me
301C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-S(O) ₂ Et
302C	1-hydroxycyclopentyl	-C≡C-	-S(O) ₂ Et
303C	1-hydroxycyclopentyl	-C=C-	-S(O) ₂ Et
304C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-S(O) ₂ Et
305C	1-hydroxycyclohexyl	-C≡C-	-S(O) ₂ Et
306C	1-hydroxycyclohexyl	-C=C-	-S(O) ₂ Et
307C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-S(O) ₂ iPr
308C	1-hydroxycyclopentyl	-C≡C-	-S(O) ₂ iPr
309C	1-hydroxycyclopentyl	-C=C-	-S(O) ₂ iPr
310C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-S(O) ₂ iPr
311C	1-hydroxycyclohexyl	-C≡C-	-S(O) ₂ iPr
312C	1-hydroxycyclohexyl	-C=C-	-S(O) ₂ iPr
313C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-S(O) ₂ tBu
314C	1-hydroxycyclopentyl	-C≡C-	-S(O) ₂ tBu

315C	1-hydroxycyclopentyl	-C=C-	-S(O)2tBu
316C	1-hydroxycyclohexyl	-(CH2)2-	-S(O)2tBu
317C	1-hydroxycyclohexyl	-C≡C-	-S(O)2tBu
318C	1-hydroxycyclohexyl	-C=C-	-S(O)2tBu
319C	1-hydroxycyclopentyl	-(CH2)2-	-S(O)2NH2
320C	1-hydroxycyclopentyl	-C≡C-	-S(O)2NH2
321C	1-hydroxycyclopentyl	-C=C-	-S(O)2NH2
322C	1-hydroxycyclohexyl	-(CH2)2-	-S(O)2NH2
323C	1-hydroxycyclohexyl	-C≡C-	-S(O)2NH2
324C	1-hydroxycyclohexyl	-C=C-	-S(O)2NH2
325C	1-hydroxycyclopentyl	-(CH2)2-	-S(O)2NMe2
326C	1-hydroxycyclopentyl	-C≡C-	-S(O)2NMe2
327C	1-hydroxycyclopentyl	-C=C-	-S(O)2NMe2
328C	1-hydroxycyclohexyl	-(CH2)2-	-S(O)2NMe2
329C	1-hydroxycyclohexyl	-C≡C-	-S(O)2NMe2
330C	1-hydroxycyclohexyl	-C=C-	-S(O)2NMe2
331C	1-hydroxycyclopentyl	-(CH2)2-	-S(O)2CH2S(O)2Me
332C	1-hydroxycyclopentyl	-C≡C-	-S(O)2CH2S(O)2Me
333C	1-hydroxycyclopentyl	-C=C-	-S(O)2CH2S(O)2Me
334C	1-hydroxycyclohexyl	-(CH2)2-	-S(O)2CH2S(O)2Me
335C	1-hydroxycyclohexyl	-C≡C-	-S(O)2CH2S(O)2Me
336C	1-hydroxycyclohexyl	-C=C-	-S(O)2CH2S(O)2Me
337C	1-hydroxycyclopentyl	-(CH2)2-	-S(O)2CH2S(O)2Et
338C	1-hydroxycyclopentyl	-C≡C-	-S(O)2CH2S(O)2Et
339C	1-hydroxycyclopentyl	-C=C-	-S(O)2CH2S(O)2Et
340C	1-hydroxycyclohexyl	-(CH2)2-	-S(O)2CH2S(O)2Et
341C	1-hydroxycyclohexyl	-C≡C-	-S(O)2CH2S(O)2Et
342C	1-hydroxycyclohexyl	-C=C-	-S(O)2CH2S(O)2Et
343C	1-hydroxycyclopentyl	-(CH2)2-	-S(O)2CH2S(O)2iPr
344C	1-hydroxycyclopentyl	-C≡C-	-S(O)2CH2S(O)2iPr
345C	1-hydroxycyclopentyl	-C=C-	-S(O)2CH2S(O)2iPr
346C	1-hydroxycyclohexyl	-(CH2)2-	-S(O)2CH2S(O)2iPr

347C	1-hydroxycyclohexyl	-C≡C-	-S(O) ₂ CH ₂ S(O) ₂ iPr
348C	1-hydroxycyclohexyl	-C=C-	-S(O) ₂ CH ₂ S(O) ₂ iPr
349C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-S(O) ₂ CH ₂ S(O) ₂ tBu
350C	1-hydroxycyclopentyl	-C≡C-	-S(O) ₂ CH ₂ S(O) ₂ tBu
351C	1-hydroxycyclopentyl	-C=C-	-S(O) ₂ CH ₂ S(O) ₂ tBu
352C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-S(O) ₂ CH ₂ S(O) ₂ tBu
353C	1-hydroxycyclohexyl	-C≡C-	-S(O) ₂ CH ₂ S(O) ₂ tBu
354C	1-hydroxycyclohexyl	-C=C-	-S(O) ₂ CH ₂ S(O) ₂ tBu
355C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-C(O)NHCH ₂ CO ₂ H
356C	1-hydroxycyclopentyl	-C≡C-	-C(O)NHCH ₂ CO ₂ H
357C	1-hydroxycyclopentyl	-C=C-	-C(O)NHCH ₂ CO ₂ H
358C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-C(O)NHCH ₂ CO ₂ H
359C	1-hydroxycyclohexyl	-C≡C-	-C(O)NHCH ₂ CO ₂ H
360C	1-hydroxycyclohexyl	-C=C-	-C(O)NHCH ₂ CO ₂ H
361C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-SO ₂ NHCH ₂ CO ₂ H
362C	1-hydroxycyclopentyl	-C≡C-	-SO ₂ NHCH ₂ CO ₂ H
363C	1-hydroxycyclopentyl	-C=C-	-SO ₂ NHCH ₂ CO ₂ H
364C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-SO ₂ NHCH ₂ CO ₂ H
365C	1-hydroxycyclohexyl	-C≡C-	-SO ₂ NHCH ₂ CO ₂ H
366C	1-hydroxycyclohexyl	-C=C-	-SO ₂ NHCH ₂ CO ₂ H
367C	1-hydroxycyclopentyl	-(CH ₂) ₂ -	-CH ₂ -S-Me
368C	1-hydroxycyclopentyl	-C≡C-	-CH ₂ -S-Me
369C	1-hydroxycyclopentyl	-C=C-	-CH ₂ -S-Me
370C	1-hydroxycyclohexyl	-(CH ₂) ₂ -	-CH ₂ -S-Me
371C	1-hydroxycyclohexyl	-C≡C-	-CH ₂ -S-Me
372C	1-hydroxycyclohexyl	-C=C-	-CH ₂ -S-Me

11. (Currently amended) A method of claim 1 for treating a mammal to prevent or alleviate the effect of Mustard by administering a pharmaceutically effective amount of a pharmaceutical formulation comprising a compound of claim 1 to 10 together with a pharmaceutically acceptable carrier or diluent therefor.

12. (Currently amended) A method of claim 1 for treating a mammal to

prevent or alleviate the effect of Mustard by administering a compound of claim 1 to 10 in an amount of from about 0.0001 mg/kg/day to about 50 mg/kg/day of body weight of an active compound of this invention.

13. (canceled)